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Bio Statistics

DEFINITIONS

Biostatistics

- Biostatistics is the statistical process and method applies to the analysis of biological phenomena. (*Webster's Third New International Dictionary of English Language, Chicago, Encyclopedia Britannica, 1986, Ref 423 W39, Reference Section University Library*)
- It is the science and art of collection, compilation, presentation, analysis and interpretation of numerical data concerned with biological events which are affected by the multiple factors. (*Baride, JP. Manual of Biostatistics, New Delhi, Jaypee Brothers, 2003, 570.15195 B252, Circulation Section, University Library*)
- It is the science which applies the theory of probability to making of estimates and inferences about the characteristics of population. (*Baride, JP. Manual of Biostatistics, New Delhi, Jaypee Brothers, 2003, 570.15195 B252, Circulation Section, University Library*)

BOOKS

Circulation Section
3rd Floor

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Calano, Roel B. (2006) **Statistics for the health professional : text – workbook**, 2005 ed. Res 519.502461 C142 2006

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- Norman, Geoffrey R. (2004) **Biostatistics : the bare essentials**. 3rd ed. 570.15195 N842 2008
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- Graduate School Library*
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- Mendoza, Ophelia M. (2010) **Foundations of statistical analysis for the health sciences**. GSL/Fil 610.21 F771

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2nd and 3rd Floor APS Annex

Wardlaw, Alastair C. (2000) **Practical statistics for experimental biologists**, 2nd ed. Library 570.15195 W264

JOURNAL ARTICLES

Periodical Section
2nd Floor

- A higher order of silence.** Sarip, DA and Verrijzer, C.P. Science p.1484-1485. 306(5701) N 26 '04
- Are viruses alive?** Villarreal, L. P. Scientific American p. 77-81. 291(6) D '04
- Characterization of riboflavin binding protein gene structure.** Williams, M.J. and Parsons., M.B. Michigan Academician p. 10 . 34(1) Spring '02
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- Global identification of human transcribed sequences with...** Bertone, P. Science p. 2242-2246 306(5705) D 24 '04
- Investigation of drug binding to DNA using force spectroscopy.** Thyle, S. and Sinniah, K.. Michigan Academician p.9 36(1) Spring '04
- Modulation of intermediate filament proteins by retinoids in prostate cancer.** Johnson. L.T.D. Michigan Academician p.11 36(1) Spring '03

ELECTRONIC JOURNALS

Accessible Thru HAU Library Webpage
ProQuest Central

- Biostatistics, Bioinformatics and Biomathematics
- Türkiye Klinikleri Biyoistatistik
- Journal of Nursing education
- Indian Journal of Pharmacology
- Journal of Service Science and Management

ELECTRONIC BOOKS

Accessible Thru HAU Library Webpage
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Arora, P.N. (2010) **Biostatistics**

Källén, Anders (2011) **Statistics in Practice : Understanding Biostatistics**

Chernick, Michael R. (2011) **Essentials of Biostatistics for Physicians, Nurses, and Clinicians**

Norman, Geoffrey (2014) **Biostatistics bare essentials**

Oliviera, Antonio. (2013) **Biostatistics decoded**

Paulson, Daryl S. (2008) **Biostatistics and Microbiology: A Survival Manual**

Wiley (2013) **Biostatistics For Dummies**

INTERNET RESOURCES

*Multimedia/CD-Rom Station & Internet Workstation
2nd & 3rd Floor, University Library*

Collection of Bio-Statistics Research Archives.

Retrieved November 20, 2014 from <http://biostats.bepress.com/repository/>

The Collection Of Biostatistics Research Archive - is a scholar-driven repository of biostatistics working papers that we expect to become a destination for researchers worldwide. Major departments and institutions are contributing their prepublication materials to the collection. This timely, high-quality content may be downloaded freely by interested readers.

International Biometric Society

Retrieved November 20, 2014 from <http://www.tibs.org/Interior.aspx>

The International Biometric Society is an international society promoting the development and application of statistical and mathematical theory and methods in the biosciences, including agriculture, biomedical science and public health, ecology, environmental sciences, forestry, and allied disciplines.

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