



UCLA
Biostatistics

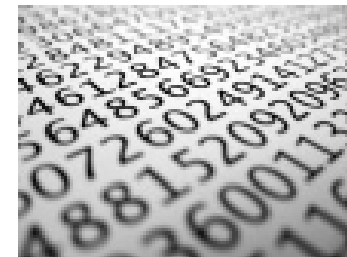


Why You Should Consider Graduate Study in the UCLA Department of Biostatistics



Biostatistics as an academic discipline

- Natural direction for individuals with strengths in applied mathematics
 - Linear algebra, two years of calculus as prerequisites for graduate study
- Natural direction for individuals with wide-ranging academic interests
 - Enormous variety in the areas where statistics have an impact (health sciences, social sciences, physical sciences, government)
 - Statistical analyses have even been used in the humanities to investigate authorship based on word usage!
- People often pursue biostatistics as a field of study after recognizing the importance of measurement and interpretation of data in other fields



Biostatistics as a Career



“I keep saying that the sexy job in the next 10 years will be statisticians. And I’m not kidding.” - Hal Varian, Chief Economist, Google, Inc. (*New York Times* 8/6/09)



- Enormous scientific impact in medicine, public health, life sciences, survey research, computer science
- Tremendous variety in fields of application (AIDS, cancer, genetics, imaging, bioinformatics, immunology, public policy)
- Six-figure starting salaries in some areas (see *New York Times*, 8/6/09)
- Appealing professional community
- “Statistician” listed by JobsRated.com as #3 of 200 jobs (based on work environment, income, physical demands, stress, length of typical work week)

Biostatistics as a field of graduate study



- Outstanding field for 21st century careers
- Masters programs typically 2 years (1 year if solid background in mathematical statistics/applied statistics/linear algebra)
- Doctoral program typically 4 years after M.S.
- Doctoral students typically receive financial support
 - Not uncommon for Ph.D. students to be admitted with guarantee of multiple years of support, including complete remission of tuition/fees + stipend of more than \$20,000 per year, with package including work as teaching assistant or graduate student researcher

Why UCLA?

- Long tradition of excellence at a top university in a geographically and culturally appealing community
 - First Ph.D. granted in 1963
- Well-integrated in outstanding academic environment
 - Faculty in department have joint appointments in Biomathematics, Human Genetics, Medicine, Nursing, Pathology and Laboratory Medicine, Pediatrics, Psychiatry and Biobehavioral Sciences, Psychology, Radiological Sciences, Statistics
 - Faculty in department direct research cores in Center for AIDS Research, Jonsson Comprehensive Cancer Center, Semel Institute for Neuroscience and Human Behavior, providing on-campus research opportunities



UCLA Department of Biostatistics

Degree Programs

Doctoral Degree Programs

Doctor of Philosophy (Ph.D.)

Training combines mathematical statistics, biostatistical methods, and third-field specialization
Careers in academia, government, biotechnology/pharmaceutical industry

Doctor of Public Health (Dr.P.H.)

Training combines statistical and biostatistical methods with public-health specialization, consulting
Careers in academia, government, biotechnology/pharmaceutical industry

Masters Degree Programs

Master of Science (M.S.)

Training combines mathematical statistics, biostatistical methods with research career focus
Preparatory for doctoral degree or career in academic/industry/government research position

Master of Public Health (M.P.H.)

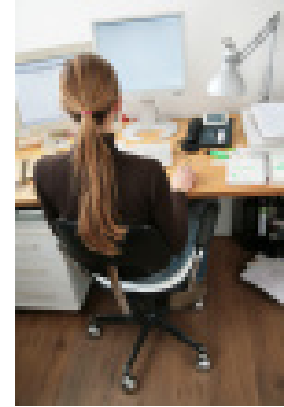
Training combines biostatistical methods and programming, data management, public-health breadth
Preparatory for career in academic/industry/government organization or allied scientific discipline

Academic degree programs

Professional degree programs

How to apply

- Go to application checklist for UCLA School of Public Health (www.ph.ucla.edu/app_checklist.html)
- Keep in touch with UCLA Department of Biostatistics faculty in charge of admissions and financial aid
 - Prof. Robert Weiss, Admissions Chair (robweiss@ucla.edu)
 - Prof. Tom Belin, Financial Aid Chair (tbelin@ucla.edu)



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<http://www.biostat.ucla.edu>

