IMPLEMENTING A WEB-BASED BIOSTATISTICS COURSE
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OVERVIEW
Use of a web-based course format provides portability and removes geographic barriers, providing flexibility in
both time and location of course attendance. Web-based instruction is particularly helpful for enhancing statisti-
cal software demonstrations and for illustration of complex statistical ideas.

TECHNOLOGY USED
- Laptop and headset microphone
- Camtasia Studio
- Streaming Media over the web

OUTCOMES
- Podcasting and Screencasting using Ipod & Itunes
- Creating a “learning objects” database so content can be “mixed and matched” for custom course content

SPONSORS
- Department of Biostatistics and Bioinformatics
- Clinical Research Training Program

Course delivered through Blackboard course management system

Narrated PowerPoint slides, software demonstrations, and other audio/video content is created with Camtasia Studio and streamed over the web

Streamed statistical software demonstrations of SAS E-Guide are convenient and can be reviewed at any time by students