

***Genomics and Bioinformatics Laboratory***  
***(includes DNA Sequencing)***

Updated 9/06

**Location** Howell Science Complex, Room N201

**Established** 2000

**Mailing Address** Department of Biology  
Greenville, NC 27858-4353

**Contact(s)** Ed Stellwag, Ph.D.  
(252) 328-6302  
(252) 328-4178 (fax)  
[stellwage@ecu.edu](mailto:stellwage@ecu.edu)

Denise Mayer  
(252) 328-2607  
[mayerd@ecu.edu](mailto:mayerd@ecu.edu)

**Purpose** DNA sequencing, PCR and recombinant DNA cloning for research and clinical applications

**Capabilities**

- Automated DNA sequencing of PCR, plasmid, bacteriophage, and BAC templates
- Template preparation
- PCR amplification of diverse templates, including genomic DNA
- Recombinant DNA cloning and plasmid DNA preparation
- Project consultation

**Instrumentation**

- Applied Biosystems 3130 Capillary Sequencer
- Applied Biosystems 377 Automated Sequencer
- MJ Research PTC 200 Gradient Thermal Cycler
- Eppendorf Biophotometer
- Beckman Microfuge 18

