



Carol Pride, Assoc. Prof. of Marine Sciences,
Savannah State University

Primary research background:

Identification and testing of paleoceanographic proxies

Planktonic foraminifera

Stable isotopic proxies for

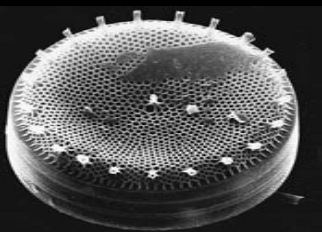
nutrient utilization (N, Si)

denitrification (N)

temperature, salinity, sea level (O)

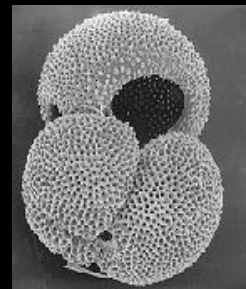
Reconstruction of past oceanic and climatic conditions in upwelling regions:

Gulf of California, Southern Ocean,
Benguela Current



$\delta^{30}\text{Si}$

$\delta^{18}\text{O}$



Coastal Monitoring

(GK-12 and OEDG Programs)

Migrating shell ridge impacts at Ft Pulaski
and changes in sedimentation patterns

Initiating beach profiling

Initiating Savannah River monitoring

Building upon existing tidal creek monitoring

Algal Culturing for Biofuel and Wastewater Treatment Applications

- Collaborator Chris Hintz
- Low cost, low maintenance cultures of endemic phytoplankton and macroalgae
- Efficiency in nutrient uptake and test for net energy production for biofuel applications

