Marine Invertebrate Zoology (Summer 2014—Syllabus Supplement to Calendar handout)

- **Written Exams:** There will be two (2) lecture exams, a midterm) and a final. Exams will cover material from the power point lectures, handouts, and any assigned textbook material.
- **Practical Exams:** There will be two (2) lab exams. Questions will include taxonomic identification and ecological information for estuarine and marine invertebrates including specimens collected during the class, preserved specimens provided for demonstration, and “unknowns” which students may not have seen before, but represent higher taxa covered in the course. (e.g., a specimen of an Australian crawfish: student should know that it is a Crustacean belonging to the Class Malacostraca and the order Decapoda). Because the course is primarily field oriented and only taught over only 4 a week period, each of the two lab exams will include species representing both the higher and lower taxa (Cnidaria to Chordata) collected during class field trips.
- **Project or Power Point Presentation:** Students will present a short Power Point presentation on some aspect of marine invertebrate zoology or do a short project of their choice dealing with observations on behavior (e.g. fiddler crab courtship display), ecology (e.g., invertebrate prey in diets of estuarine fish), symbiosis (e.g., parasite life cycles, commensal crustaceans with their borrow-dwelling hosts), morphology, et al. of an invertebrate or invertebrate group. Both the instructor and TA will be available to assist the students with their projects.
- **Class participation:** Three students per major field trip will be assigned to: (1) collect salinity and temperature data, (2) prepare with assistance of the instructor and/or TA a general taxa list of taxa collected trip, make copies and pass out to the other students. These tasks will be credited toward part of the students "class participation."
- **Grades:**
  - **Lecture Section.** The two lecture exams will constitute 70% (35% for each exam) of the course grade and class participation and completion of a research paper or project will make up the remaining 30%.
  - **Lab Section.** The two Lab exams will constitute 70% (35% for each exam) of the course grade and class participation will make up the remaining 30%.
- **Instructors**
  - **Instructor:** Richard Heard, PhD, email: Richard.Heard@usm.edu, 228- 875 1470
  - **Teaching Assistant** Andrew Claxton, email: Andrew.claxton@eagles.usm.edu
  - **Guest lecturers:** Drs. Steve, Curran (Platyhelminthes, Nematoda), (Coelenterates), John Foster (Echinodermata), Jerry McLelland (Annelida, Chaetognatha)
- **ADA Syllabus Statement**
  If a student has a disability that qualifies under the Americans with Disabilities Act (ADA) and requires accommodations, he/she should contact the Office for Disability Accommodations (ODA) for information on appropriate policies and procedures. Disabilities covered by ADA may include learning, psychiatric, physical disabilities, or chronic health disorders. Students can contact ODA if they are not certain whether a medical condition/disability qualifies.
Address: The University of Southern Mississippi
Office for Disability Accommodations
118 College Drive # 8586
Hattiesburg, MS 39406-0001
Voice Telephone: 601.266.5024 or 228.214.3232  Fax: 601.266.6035
Individuals with hearing impairments can contact ODA using the Mississippi Relay Service at 1.800.582.2233 (TTY) or email Suzy Hebert at Suzanne.Hebert@usm.edu.