

Student and faculty expectations:

- Student contacts the faculty mentors to discuss project background, specific aims, and role of the medical student.
- After selecting a R&D project and faculty mentor, the medical student and mentor will submit a brief R&D pre-proposal.
- Students submit a final R&D proposal signed by both mentor and student.
- Student will submit a final report of the 10-week R&D activity.
- Student will present a poster on the R&D activity at Medical Student Celebration of Research Poster Day.
- Mentor and students will ensure addition of student to mentor's IRB or IACUC (even if participating in an external MSRP projects, including international projects) and work with UF mentor to ensure UF's IRB/IACUC office approves the research too, otherwise research may be invalid.

STUDY IV. TITLE: Vertical Neglect: Hemispheric Localization**FACULTY MENTOR: Kenneth M. Heilman MD****email:heilman@neurology.ufl.edu; Phone 352-376-1611 Extension 6898****FACULTY MENTOR DEPARTMENT: Neurology**

Several years ago, we reported a patient with bilateral temporal lesions who appeared to neglect the upper portion of vertical lines and another patient with bilateral parietal lesions who neglected the lower portion of vertical lines. There are some indications that unilateral hemispheric lesions may also cause vertical neglect. We have now tested many patients with a unilateral hemispheric stroke and have had these patients perform vertical bisections. Now want to learn if there are hemispheric asymmetries in the allocation of vertical attention and if within hemisphere location of the lesion is also important in producing vertical neglect, as well as the type of vertical neglect (upper versus lower).