

1. GRANT TITLE:

Predicting Flight Times of *Culex nigripalpus* females

2. PI NAME: Rutledge, C. R.

3. CO-PI NAME: Lord, C. C., Portier, K.*

4. STARTING AND END DATE OF THE GRANT: 04/30/2004 – 12/31/2004

5. STATUS: In progress.

6. REPORT:

Field studies in Manatee County are complete.

Field work in Indian River County was delayed until June 2005 due to storms during the field season in 2004. The data collection will end in June 2006.

2 manuscripts in prep:

-Modification of Rotating Traps to Reduce Mosquito Escape

Authors: Rutledge and Ross. For submission to Journal of the American Mosquito Control Association.

-Flight times of *Culex nigripalpus* females in two habitats in Manatee County, FL.

Authors: Rutledge, Christiansen, and Lord. For submission to the Journal of Medical Entomology.

1 manuscript planned:

-Flight times of *Culex nigripalpus* females in Indian River County, FL (with comparisons to Manatee County study).

Authors: Rutledge, Lord, Day, and Ross. For submission to the Journal of Medical Entomology.

*Dr. Ken Portier is listed as a co-PI on the grant. However, Dr. Portier left the University of Florida in January 2006 and will not be conducting the statistical analysis. We will conduct the analysis in-house.