Peer-reviewed publications:


**Non peer-reviewed:**


**Book Chapters:**


**In press:**

Funding:

**PROJECT # (PI):** Health Profession Division Research Grant #335731  
**DATES:** 3/31/10 – 2/28/12  
**SOURCE:** Nova Southeastern University  
**TITLE:** Estrogen modulation of neurotrophin and opioid systems in the female hippocampus  
**GOAL:** This proposal tests the central hypothesis that the estrogen-facilitates BDNF increase in the dentate gyrus to activate TrkB receptors and produce a reactive increase in dynorphin at the mossy fiber pathway.  
**ROLE:** Principal investigator

**PROJECT # (PI):** Chancellors Faculty Research and Development Grant #335784  
**DATES:** 4/01/11 – 3/31/13  
**SOURCE:** Nova Southeastern University  
**TITLE:** The Effects of Chronic Morphine Treatment in Fear Conditioning in Male and Female Rats at Different Stages of the Estrous Cycle.  
**GOAL:** The objective of this study is to explore the sex-dependent differences produced after chronic morphine using fear conditioning as a model of emotional learning.  
**ROLE:** Collaborator

**PROJECT # (PI):** Chancellors Faculty Research and Development Grant #335841  
**DATES:** 5/24/11 – 5/23/12  
**SOURCE:** Nova Southeastern University  
**TITLE:** Acute Morphine after Fear learning: Implications for Sex specific PTSD Treatment  
**GOAL:** The objective of this study is to evaluate the potential use of acute morphine treatment in improving the consolidation of fear learning and how this might differ by sex.  
**ROLE:** Collaborator

**Completed:**

**PROJECT # (PI):** Minority Research Supplement to R01 DA08259 (Milner)  
**DATES:** 7/01/05 – 6/30/08  
**SOURCE:** NIH/NIDA  
**TITLE:** Estrogen-Opioid Interactions in Hippocampus  
**GOAL:** Test the central hypothesis that the hormonal milieu modulates endogenous hippocampal opioid systems and hippocampal responses to exogenous opiates.  
**ROLE:** Postdoctoral Fellow