

## Teaching & Scholarship Enhancement Projects 2008

### Recipients:

**“Assessing the Parenting Practices and Health Status of Mothers with Incarcerated Partners,”** Wadiya Udell, Assistant Professor, IAS and Cheryl Cooke, Assistant Professor, Nursing

The aims of this study are to (a) identify the parenting practices (including challenges and resources) of mothers with partners in prison, (b) assess physical and mental health status of mothers with incarcerated partners, and (c) assess the relationship between parenting challenges and maternal health for women with incarcerated partners. Findings from this study will be used to seek additional federal and state research funding to develop family and community-based interventions focused on increasing skills and strategies needed to improve the health of women with incarcerated partners and to prevent early incarceration and school failure in their children.

**“Revealing Multiple Environmental Causes of Shell Growth and Repair,”** Rebecca Price, Assistant Professor, IAS

This investigator’s research program studies the hypothesis that large changes in shape result from the same evolutionary processes that occur in populations. The interplay between small and large scales of evolution must be reconciled to understand the processes that formed Earth’s biological history, the stability of ecosystems, and the consequences of anthropogenic changes. The research presented here concentrates on a single species, *Nucella lamellose*, that lives on the Washington coast. This species is highly variable in shape, and the investigator is in the process of measuring the effects that different ecological conditions, such as temperature, diet, density, and damage to the shell, have on shell shape. This project sheds light on a major sub-field of evolutionary biology and provides a platform for pursuing external funding in the future.

**“Effectiveness of Market Instruments in Environmental Policy,”** Nives Dolsak, Associate Professor, IAS

This research project will examine the effectiveness of tradable permits as developed and implemented in Washington State to protect undeveloped land and wetlands. The outcome of this research will offer important lessons for researchers and provide recommendations to practitioners. Further, the results of this research could provide information for a mandatory

review/evaluation of the Wetlands Mitigation Banking program more current than presently made available by these governmental agencies. Also, this project will open doors for future collaboration between UWB and government agencies.

**“Reading Assessment: Developing a Retelling Protocol For use with Nonfiction Text,”** Antony Smith, Assistant Professor, Education

The aim of this study is to develop and pilot test a measure of reading comprehension that focuses on student retelling of nonfiction text. Quantitative and qualitative methods will be used to analyze data to determine the initial function and validity of the protocol, leading to modification recommendations and a future large-scale study of protocol efficacy in measuring student reading comprehension.