

Kim E. Dooley, Chair,  
COALS QEPC  
Interdisciplinary Inquiry-  
Based Learning  
Community (IILC)

### **Request for Inquiry-Rich/Research-Based Funding for 2008-2009**

Dr. Webb,

I have attached some preliminary outcome goals for the COALS Interdisciplinary Inquiry-Based Learning Community (IILC) from our initiatives in 2007-2008. We recently expanded the committee to include representatives from all the departments in our college. We will have a symposium on September 5 at the Borlaug Center for Southern Crop Improvement Library to showcase the six inquiry-rich projects within the college (funded through the IILC RFP last year). The funding categories included undergraduate course revision or creation, experiential learning through field trips, conducting or presenting research, and/or start-up funds for a new research project that involves undergraduates.

We believe this college initiative not only enhances the undergraduate experience, but provides important outcome data to support departmental programmatic efforts. We request 2008-2009 funds to (1) continue and expand the RFP program, (2) benchmark progress toward college goals based upon the *Murano Report*, and (3) support departmental efforts to put assessment plans and measures into WEAVE online.

#### **Budget Request**

|   |                 |
|---|-----------------|
| RFP program for Inquiry/Research-Based Education of Undergraduates  | 7,000           |
| Inquiry/Research-Based Symposium  | 1,000           |
| Creating Consistent Instruments for Departmental Outcome Assessment<br>(measuring deep vs. surface learning, critical/creative thinking, written & oral communication skills, etc.) | 3,000           |
| <b>TOTAL</b>  | <b>\$10,000</b> |

### Benchmarking Data for IILC-2007-2008

1. Enrollments in 481 for academic year 2007 (A, B, C) = 232

|              | <b>Enrollment</b> |
|--------------|-------------------|
| AGRO         | 2                 |
| ANSC         | 23                |
| BESC         | 4                 |
| BICH         | 90                |
| ENTO         | 23                |
| FSTC         | 3                 |
| GENE         | 61                |
| HORT         | 8                 |
| MICR         | 5                 |
| NUTR         | 2                 |
| WFSC         | 11                |
| <b>TOTAL</b> | <b>232</b>        |

2. Undergraduate Research Scholars Class of 2007 from COALS

Hilary Baird – Biochemistry

Morgan Chateau – Biochemistry/Genetics

LauraLee M. Shanks – Biochemistry

Denise N. Lancaster – Entomology

3. Honors Program Fellows = 4; COALS University Scholars = 9

4. Faculty/Student Participants in IILC for fall meetings

|                   |               |
|-------------------|---------------|
| <b>Amstalden</b>  | <b>Marcel</b> |
| <b>Arnold</b>     | Stephanie     |
| <b>Bay</b>        | Darrell       |
| <b>Beathard</b>   | Karen         |
| <b>Curtis</b>     | Stephen       |
| <b>Dooley</b>     | Kim           |
| <b>Duran</b>      | Nancy         |
| <b>Engler</b>     | Cady          |
| <b>Gelwick</b>    | Fran          |
| <b>Hallmark</b>   | Tom           |
| <b>Kenimer</b>    | Ann           |
| <b>Kubena</b>     | Karen         |
| <b>Lineberger</b> | Dan           |
| <b>Litzenberg</b> | Kerry         |

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|                 |          |
|-----------------|----------|
| <b>Messina</b>  | Mike     |
| <b>Morgan</b>   | Cristine |
| <b>Murphy</b>   | Tim      |
| <b>Neill</b>    | Bill     |
| <b>Nelson</b>   | Gene     |
| <b>Roberts</b>  | Grady    |
| <b>Savell</b>   | Jeff     |
| <b>Townsend</b> | Chris    |
| <b>Wu</b>       | Ben      |

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**5. RFP recipients for 2008 – TOTAL Award = \$4,730.50**

- a) Start-up Funds for a New Research Project that Involves Undergraduates  
Marcel Amstalden, ANSC – *Immunofluorescence Detection of Neurokinin B Receptor Internalization: a Tool to Enhance Undergraduate Experience in Reproductive Neuroendocrinology*
- b) Start-up Funds for a New Research Project that Involved Undergraduates  
Caleb Carter & Stephen Curtis, WFSC – *Fish Assemblages and Land use in an Urbanizing Stream*
- c) Travel for an Undergraduate to Conduct or Present Research  
Shauna Yow, AGEC – *Evaluating the Possible Impacts of State Legislation on Water Treatment Technology Adoption*
- d) Travel for an Undergraduate to Conduct or Present Research  
Kah-Yat Isaac Wong, HORT – *In Vitro Shoot Proliferation of Dog Ridge Grape at American Society for Horticultural Science Conferences*
- e) Travel for an Undergraduate to Conduct or Present Research  
Bob Wharton, ENTO – *Acquiring Expertise in Millipede Systematics*
- f) Travel for an Undergraduate to Conduct or Present Research  
Bob Wharton, ENTO – *Figs and Fig Wasps, a Study in Symbiosis*