

# IAWIND - Educational Funding Opportunities

(updated 3 April, 2011)

**Purpose:** To grow the capacity of current wind energy educational programs conducted at Iowa's community colleges and research universities, and add depth to existing curricula through enhanced laboratory experiences.

**Eligibility:** Full-time tenure and tenure-track faculty and staff members for whom teaching is assigned as one of their primary job responsibilities and have at least a 50% appointment at any of the Regents Universities or Community Colleges are eligible to apply. Visiting faculty, lecturers, postdoctoral associates, fellowship trainees, medical residents, graduate students, and undergraduate students are not eligible.

**Funding Duration:** 1 year

## Description of Funding Areas:

- **Funding Element 2a: Curriculum Development** – This funding element is intended to accelerate the development and coordination of IAWIND educational programs to meet the needs of the wind power industry. This funding element will provide a mechanism to grow existing programs by coordinating course offerings, degree programs and internship opportunities. Activities funded will include: i) development of additional wind power training options at the community colleges; ii) coordination between the community colleges and universities to provide a transition to students who choose to pursue bachelor degrees in wind power areas; iii) continued development of undergraduate courses and on-line course modules and focus areas in wind power; iv) expansion of graduate focus areas and programs focused on wind energy; and, v) continuing education offerings that meet the specialized needs of the wind power industry. IAWIND will grant final approval and funding of the projects. A total of \$450,000 is available from IAWIND. Applications for IAWIND funds may not exceed \$100,000. All applications require a minimum 30% match. In-kind faculty/staff effort and recently-purchased equipment intended solely for the proposed curricular development project can be used to satisfy the match requirement.
- **Funding Element 2b.1: Educational Equipment for Iowa's Public Universities** - This funding element is for the purchase of state-of-the-art laboratory equipment in order to expand enrollment in existing wind energy programs and prepare them for the technical advances that are certain to be a hallmark of this rapidly growing industry. This equipment will also be central to the development of new programs to meet the growing demand. IAWIND will grant final approval and funding of the projects. A total of \$450,000 is available from IAWIND. Applications for IAWIND funds may not exceed \$100,000. All applications require a minimum 30% match. In-kind faculty/staff effort and recently-purchased equipment intended solely for the proposed curricular development project can be used to satisfy the match requirement.
- **Funding Element 2b.2: Educational Equipment for Iowa's Community Colleges** - This will support program expansion and new program development at community

colleges in the area of Advanced Manufacturing and Operations and Maintenance. The goal is to provide a constant source of trained workers specific to the Iowa wind industry. Proposals that focus on the expansion of existing programs, or new program development, should be in support of existing wind industry partners. IAWIND will grant final approval and funding of the projects. A total of \$450,000 is available from IAWIND. Applications for IAWIND funds may not exceed \$100,000. All applications require a minimum 30% match. In-kind faculty/staff effort and recently-purchased equipment intended solely for the proposed curricular development project can be used to satisfy the match requirement.

**Proposal Guidelines:** The application must contain the following sections in the order indicated, with each section being clearly identified and beginning on a new page.

1. Applicant Information and Project Summary (maximum: one page): Project title; Applicant name, affiliation, address, phone and email; Industry partner name and contact information (required for new programs proposed under Funding Element 2b.2); Brief project summary.
2. Project Description (maximum: four pages):
  - a. Provide an explanation of the purpose and significance of the curriculum being supported.
  - b. If requesting support for equipment, identify the specific items to be purchased.
3. Budget and Anticipated Expenditures (maximum: one page): Provide table showing amounts budgeted under the following categories for each year of your project:

| <u>Budget Category</u>    | <u>IAWIND (\$)</u> | <u>Match<sup>(a,b)</sup> (\$)</u> |
|---------------------------|--------------------|-----------------------------------|
| Salaries/Wages            |                    |                                   |
| Fringe Benefits           |                    |                                   |
| Equipment                 |                    |                                   |
| <u>Supplies/Materials</u> |                    |                                   |
| Total                     |                    |                                   |

- (a) Recently-purchased equipment intended solely for the proposed curricular development project may be used as match. Please include a brief description of equipment included in this category.
- (b) If pursuing matching funds from other funding agencies, please provide a brief summary of the amount, agency, and expected notification date.

Note: Per IAWIND’s agreement with the Iowa Power Fund, no indirect costs may be charged.

4. Timeline (maximum: one page): Provide a clear schedule for the project with identified milestones related to the aim(s).
5. Deliverables (maximum: one page): Provide a list of what specifically will be accomplished by the end of the project period.

6. Curriculum Vitae: (maximum two pages).

**Contacts for Additional Information:** Potential applicants are encouraged to discuss the requirements of the funding opportunity with the following managers before applying:

Community College applicants: Dr. Dee Baird, [dbaird@kirkwood.edu](mailto:dbaird@kirkwood.edu)

UNI applicants: Dr. Reg Pecen, [pecen@uni.edu](mailto:pecen@uni.edu)

ISU applicants: Dr. Ron Cox, [rcox@iastate.edu](mailto:rcox@iastate.edu)

UI applicants: Dr. P. Barry Butler, [patrick-butler@uiowa.edu](mailto:patrick-butler@uiowa.edu)

**Due Date:** Applications will be reviewed the first day of every month.