

## College of Engineering

### **Lumley Interdisciplinary Research Award**

The College of Engineering will continue in 2009 its annual awards program to recognize the interdisciplinary research contributions of faculty and research staff. The award will be given to a team of faculty and/or research scientists who has demonstrated significant research collaboration that cuts across departmental or discipline boundaries. **While individuals associated with specific Centers will be considered, the Centers themselves may not be nominated under this category.** One award will be given each year. The teams should have at least two members from different departments. The team can include members from other colleges at Ohio State.

The award will consist of a monetary award and a framed certificate for each team member, which will be presented at the College Faculty Awards dinner during Spring Quarter 2009. The amount of each award to an individual team member will be up to \$1000, but the total award to the team will not exceed \$5000. If the team has more than five members, the individual award will be reduced accordingly. Funds for these awards are made possible by an endowment established by John H. and Mildred C. Lumley.

Awardees will be selected on the basis of the interdisciplinary research accomplishments at The Ohio State University during the **five-year period** from January 1, 2004 to December 31, 2008. Demonstration of these accomplishments will be made as per the attached guidelines and format.

The attached package includes a nomination cover sheet and format instructions for submitting a nomination. Nominations can only be made by department chairs. Each department chair nominate no more than **one team** although he/she can support nominations made by other chairs.

The application materials must be submitted electronically (see the link at <http://www.eng.ohio-state.edu/awards/facawards>). Please submit your nomination packages no later than February 27, 2009.

**COLLEGE OF ENGINEERING  
2009 Lumley Interdisciplinary Research Award**

**Nomination Submission Guidelines**

**Eligibility**

1. At least two members of the interdisciplinary team should be from different departments
2. **Award recipients for 2005-2008 are not eligible for 2009 awards.**

**Nomination Preparation -- General Comments**

1. All nominees must present a **five-year** (January 1, 2004 - December 31, 2008) record of accomplishments based upon work performed while employed in the College of Engineering at The Ohio State University. Do not submit accomplishments outside this time period. Only include accomplishments which are clearly related to the interdisciplinary team (e.g., co-authored articles, co-advised student dissertations).
2. The nomination package should be prepared following the attached format guideline.
3. Along with the nomination information, submit a fully prepared cover sheet that includes the signatures of both the nominees and the department chairperson. No transmittal letter is needed or desired. **It is the department chair's role to ensure that the nomination package is in strict accordance with the guidelines given here.**
4. Recommendation letters from internal or external evaluators should not be sought or included in the nomination package.
5. **Any submission not adhering to the guidelines and requested format will not be evaluated.**

**Selection Committee:** The College Honors and Awards Committee serves as the selection committee.

**Deadline:** The application materials must be submitted electronically (see the link at <http://www.eng.ohio-state.edu/awards/facawards>). Please submit your nomination packages no later than February 27, 2009.

## Lumley Interdisciplinary Research Award

### Instructions and Information Format

Nominations consist of the following two components:

- 1) A Nomination Information document, prepared by a member of the team (a single .pdf file named teamname\_LumleyInt\_nom.pdf) where 'teamname' is a short name/acronym for the team.
- 2) A Summary Evaluation Letter, prepared by the department chair or center director (a single .pdf file named teamname\_LumleyInt\_eval.pdf) where team is first name listed
- 3) Up to five noteworthy research publications (each as a pdf file beginning with the team name)

Please prepare each component as a separate .pdf file. Also, put the teamname, award name and page number as a header at the top of each page of the Nomination Information document.

#### **Guidelines for Preparing the Nomination Information Document**

The Nomination Information is prepared by a team member, and submitted as a single .pdf file with name LumleyInt\_teamname\_nom.pdf.

On pages following the cover page, list the **interdisciplinary** research accomplishments of the team during **the past five calendar years (January 1, 2004 through December 31, 2008)**. Please do not provide any information that is not within this five-year window.

For each publication, **list authors in the order of appearance as published and highlight the team members**. In Sections 1 and 3, number each listing sequentially so that they may be referenced easily in Sections 2 and 4.

Label each section and the application form clearly. Validate *all* the requested information before submitting to the college. Additional clarification of the content and format of requested data are shown below for each section.

**Do not list any publications, presentations, grants, etc., that do not include at least two team members who are from different departments.**

**Cover Page** – Use the page provided

**Section 1: Archival Publications and Research Texts that are co-authored by two or more of the team members who are from different disciplines (Indicate the team members in bold)**

### **1A. Publications in Refereed Journals**

List only archival papers which have been refereed and appeared in print within the five-year window. Other publications may be listed in Section 3. Recommended format is as follows:

Author(s): Title of the Article. Journal Title. Volume, pp. xx-yy, Publication Date.  
(Indicate the relationship between the nominated team members and other authors, e.g., graduate student of team member X, etc.)

### **1B. Research Books**

Research books and graduate level texts are to be listed here. Please exclude undergraduate texts and editorship of conference proceedings and books; such books may be listed in Section 3.

Recommended format is as follows:

Authors: Book Title. Publisher, Publication Date.

Nature of Book:

(Indicate the relationship between the nominated team members and other authors, e.g., graduate student of team member X, etc.)

### **1C. Publications in Refereed Proceedings**

List only proceedings papers which have been refereed and appeared in print within the five-year window. Other publications may be listed in Section 3. Recommended format is as follows:

Author(s): Title. Type (or Name) of Publication. Volume (if applicable), Publisher, Publication Date.

(Indicate the relationship between the nominated team members and other authors, e.g., graduate student of team member X, etc.)

## **Section 2: Theses and Dissertations Co-Supervised and Approved**

List only those theses and dissertations that have been completed at The Ohio State University within the five-year window and for which at least two of the team members **who are from different departments** were the official co-advisors or the dissertation committee members. Bold the names of the team members. Please submit each thesis or dissertation cover page. Required format is shown below. Please note by number reference to items in section 2 and 4 the papers that have been submitted from these theses and dissertations.

### **2A. Completed Ph.D. Dissertations**

Student name, Title of Dissertation, Date Degree Conferred, The Department or The Program Granting the Degree, The Names of The Advisors and/or Dissertation Committee Members

Papers from Dissertation:

### **2B. Completed M.S. Theses** Student Name, Title of Thesis, Date Degree Conferred, The Department or The Program Granting the Degree, The Names of The Advisors and/or M.S.

Committee Members

Papers from thesis:

**2C. Completed B.S. Honors Theses**

Student Name, Title of Thesis, Date Degree Conferred, The Department or The Program Granting the Degree, The Names of The Advisors

Papers from thesis:

**Section 3: Auxiliary Information**

**3A. Publications co-authored by two or more of the team members who are from different departments (other than those listed in Section 1)**

List the following types of publications within the five-year window: articles published in conference proceedings (not refereed); editorship of books; editorship of conference proceedings; book chapters; research reports required to finalize a research contract; and other reports documenting operating methods, design procedures or testing methods. Recommended format is as follows:

Authors (Indicate in **bold** the team members). Title. Type (or Name) of Publication. Volume (if applicable), Publisher, Publication Date.

**3B. Presentations and Abstracts**

List all presentations or short abstracts (less than one published page) accompanying such presentations co-authored by two or more of the team members who are from different departments within the five-year window. If an extended (more than one page) abstract accompanies a presentation, please list it in Section 3A. Recommended format is as follows:

Authors (Indicate in **bold** the team members). Title. Forum. Abstract Citation (if applicable), Date.

**3C. Refereed Publications in Progress**

List only papers or books which have been submitted for review within the five-year window. Only include those that are co-authored by two or more of the team members who are from different departments Excluded are future conference presentations/publications. Recommended format is as follows:

Authors (Indicate in **bold** the team members). Title. Type of Publication. Submitted to, Date.

Decision Status:

Possible types of decision status include: out for final review; accepted but undergoing revisions; and, accepted, revised and awaiting publication.

**3D. Patents co-authored by two or more of the team members who are from different**

**departments**

Authors (Indicate team members in **bold**):

Title:

Application Filing Date:

Issue Date:

**3E. Other research accomplishments and dates of activity**

List any other research activity of the **team** you feel is pertinent within the five-year window.

**Section 4: Research Grants and Contracts**

Only projects with a term that includes the five-year window and with an indicated OSURF project account number are to be listed. At least two of the team members who are from different departments need to be listed as PI or co-PI in the grant. Research contracts which have been agreed to in principle but have not been contractually formalized are thereby excluded. If the award includes a matching amount from other sources, please break the award into the award amount from the contract source as well as the matching amount in the following format:

PI(s) and/or Co-PI(s) (Highlight the team members in **bold**): (Indicate the % effort as shown on the Expenditures Column of the PA005 form)

Project Title.

Sponsoring Organization.

Starting Date - End Date.

Amount of Award from the Contract Source.

Matching Amount and Source(s) of Matching (in-kind and/or cash?).

OSU Project Number.

Number of Students on Project as GRA: MS level ( ), Ph.D. level ( )

Papers Published as Result of Project:

(List only the identification numbers from sections 2 and 4)

Research Synopsis (five or fewer sentences):

**Section 5: Interdisciplinary Research Facilities**

List and briefly describe any research facilities that are acquired through the efforts of the team. Limit the description of each facility to no more than five sentences.

### **Guidelines for Summary Evaluation Letter of Research Program and Contribution**

Nominators for Lumley Interdisciplinary Research Awards are requested to provide a summary of the nominated team's research accomplishments during the award period. This statement must be limited to **two pages, single spaced**, and must be prepared and signed by the nominating department chair. The principal objective of the summary page is to interpret and evaluate the significance of the team's research and its interdisciplinary nature. Mere citation of work often does not convey the information necessary to determine how the interdisciplinary research is accepted, used or valued by professionals in the field. Interpretive comments which address or clarify interdisciplinary aspects of the team's research, and how collaboration among team members led to accomplishments that otherwise would not be possible, are invited.

The evaluation committee recognizes that each nominated team is highly thought of by the nominator and further recognizes that evaluation statements can all be justifiably laudatory about the team's accomplishments. However, the committee is attempting to evaluate more accurately the substance of a team's research and, therefore, only more substantive examples of the value of the interdisciplinary teams' research can help the evaluation process. Mere complimentary statements are of little value and are discouraged.

The following guidelines should be followed in writing this summary statement.

- A. Provide a brief history of the interdisciplinary team.
- B. Briefly summarize the major focus areas and impact of the team's research and the synergy achieved by this collaboration.
- C. Provide a summation of peer reviewed publications, and other publications and presentations of relevance. An indication of the relative prestige of the journals/proceedings where work was published should also be included. This should not be a listing of publications – that is required elsewhere. Particular publications, or bodies of work, that are especially significant should be noted.
- D. Provide a summation of BS Honors, MS, and PhD students graduated during this period who were co-advised by the team members. Some indication of the size of the interdisciplinary team (MS, PhD students, Postdocs, Research Scientists, etc.) over the assessment period would also be useful.
- E. Summarize the research funding which was secured primarily because of the interdisciplinary collaboration

**NOMINATION FOR COLLEGE OF ENGINEERING  
2009 LUMLEY INTERDISCIPLINARY RESEARCH AWARD**

**Nominees:** (Please include name, title, date of hire and the department of each team member)

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Attestation Signatures of Nominees

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Attestation Signature of Department Chair

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Date