

College of Engineering

2025 Lumley Interdisciplinary Research Award

PLEASE NOTE: Please read nomination criteria and guidelines carefully.

The College of Engineering will recognize the interdisciplinary research contributions of faculty and research staff by awarding the Lumley Interdisciplinary Research Award. Funds for these awards are made possible by an endowment established by John H. and Mildred C. Lumley. The award(s) will be presented at the annual College of Engineering Faculty Awards Banquet to a team of faculty and/or research scientists who have 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.

Up to three Lumley Interdisciplinary Research Awards will be given. Teams should include at least two members from different departments. The team can include members from other colleges at Ohio State. Under exceptional circumstances, team members may be from the same department, but it is the department chair's responsibility to make a case as to why the team should be considered interdisciplinary.

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, 2020, to December 31, 2024. 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 can nominate no more than **one team**, although he/she can support nominations made by other chairs.

The application materials must be submitted electronically and are due by **Sunday, January 5, 2025.**

COLLEGE OF ENGINEERING
2025 Lumley Interdisciplinary Research Award

Nomination Submission Guidelines

Eligibility

1. At least two members of the interdisciplinary team will be from different departments.
2. **Award recipients for 2020-2024 are not eligible for 2025 awards.**

Nomination Preparation -- General Comments

1. All nominees must present a **five-year** (January 1, 2020 - December 31, 2024) 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 Faculty Awards Committee serves as the selection committee.

Deadline: The application materials must be submitted electronically no later than **Sunday, January 5, 2025.**

Lumley Interdisciplinary Research Award

Instructions and Information Format

Nominations consist of the following three components:

1. A Cover Page and Nomination Information document, prepared by *a member of the team* (a single .pdf file named **TeamName_LumleyInt_Year_CoverPage_Nom.pdf**) where 'TeamName' is a short name/acronym for the team. Include the team's name, award name and page number as a header at the top of each page of the Nomination Information document. *See guidelines for the Nomination Information Document below.*
2. A Summary Evaluation Letter, prepared by the department chair or center director (a single.pdf file named **TeamName_LumleyInt_Year_SumEval.pdf**) where team is first name listed - **Summary Evaluation Letter must be no more than two pages, single-spaced and on college or department letterhead.** See guidelines for the Summary Evaluation Letter on page 7.
3. A Publication Summary: a list of **up to five** noteworthy publications from those listed in the Nomination Information document and a **summary** of those publications of **no more than two (2) pages**. This is to be uploaded as separate .pdf file, named **Nominee_LumleyInt_Year_PubSum.pdf**. Do not upload the individual publications.

Please prepare each component as a separate .pdf file.

Guidelines for Preparing the Nomination Information Document

On pages following the cover page, list the **interdisciplinary** research accomplishments of the team during **the past five calendar years (January 1, 2020, through December 31, 2024)**. 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 - **see last page of instructions for printable Cover Sheet.**

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.

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:

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.

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 program granting the degree, names of the advisors and/or Dissertation Committee Members

2B. Completed M.S. Theses

Student name, title of thesis, date degree conferred, the department or program granting the degree, names of the advisors and/or M.S. Committee Members

2C. Completed B.S. Honors Theses

Student name, title of thesis, date degree conferred, the department or program granting the degree, names of the advisors.

Section 3: Auxiliary Information

3A. Publications co-authored by two or more 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:

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, on college or department letterhead**, 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
2025 LUMLEY INTERDISCIPLINARY RESEARCH AWARD

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

Nominee Name & Title:
Nominee Department & Date of Hire:

Nominee Name & Title:
Nominee Department & Date of Hire:

Nominee Name & Title:
Nominee Department & Date of Hire:

Nominee Name & Title:
Nominee Department & Date of Hire:

Attestation Signatures of Nominees

Attestation Signature of Department Chair

Date