

College of Engineering

2021 Lumley Research Award

NOTE: Please read the full nomination criteria and guidelines carefully.

The College of Engineering will recognize the research contributions and productivity over the last five years (2016-2020 inclusive) of faculty and research scientists by presenting the Lumley Research Award at the annual College of Engineering Faculty Awards Banquet. Assistant or Associate professors, or research scientists at a similar early-to-mid level of their careers, are eligible for the award. Funds for these awards are made possible by an endowment established by John H. and Mildred C. Lumley.

There will be no cap on the number of Lumley Research Award, but decisions will be based solely on merit and preference will be given to nominees who have not previously received a Lumley Research Award.

A department with 25 or more tenure track faculty members may nominate up to two tenure track faculty members at the assistant or associate professor ranks. At least one of the nominees should be an assistant professor. In addition, the department may nominate one assistant or associate research faculty member, or an early-to-mid career research scientist at a level similar to the assistant or associate ranks.

A department with fewer than 25 tenure track faculty members may nominate a Tenure Track faculty member at the assistant or associate professor rank. In addition, the department may nominate one assistant or associate research faculty member, or an early-to-mid career research scientist at a level similar to the assistant or associate ranks.

A College Center may nominate one assistant or associate research faculty member, or an early-to-mid career research scientist at a level similar to the assistant or associate ranks.

Awardees will be selected on the basis of their research accomplishments and productivity made during the five-year period prior to the nomination (2016-2020, inclusive), at The Ohio State University. However, the five-year rule will not be strictly enforced for exceptional early career nominees. Documentation of these accomplishments should follow the attached guidelines and format.

Research scientist nominations will be evaluated separately using all of the information provided; however, lower emphasis will be placed on student involvement activities. The attached package includes a summary of submission guidelines, a nomination cover sheet and format instructions for submitting information.

**The application materials must be submitted electronically and
are due by Friday, January 8, 2021**

College of Engineering

2021 Lumley Research Award Nomination Submission Guidelines

Eligibility

1. Assistant or Associate professors, or research scientists at a similar early-to-mid level of their careers, are eligible for the award
2. Nominees must be full-time members of the faculty or research staff of the College of Engineering.
3. Award recipients for 2016-2020 are not eligible for 2021 awards.

Nomination Preparation -- General Comments

1. All nominees must present a **five-year** (January 1, 2016 - December 31, 2020) record of research accomplishments based upon work performed while employed in the College of Engineering at The Ohio State University. Do not list accomplishments outside this time period.
2. The nomination package should be prepared following the attached guidelines. Nominations from research staff should follow the same format; however, research staff nominations will be evaluated with lower emphasis on student involvement.
3. Along with the nomination information, submit a fully prepared cover sheet which includes the signatures of both the nominee 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.

2021 Lumley Research Award Instructions and Information Format

Nominations consist of the following three components:

- 1) A Nomination Information document, prepared *by the candidate* (a single .pdf file named **Nominee_Lumley_Year_Nom.pdf**) - Put the nominee's last name, award name and page number as a header at the top of each page of the Nomination Information document. See guideline for the Nomination Information Document below.
- 2) A Summary Evaluation Letter, prepared and signed by the department chair (a single .pdf file named **Nominee_Lumley_Year_Eval.pdf**) - **Summary Evaluation Letter must be on college or department letterhead, and be no more than two pages, single spaced**. See guidelines for the Summary Evaluation Letter on page 6.
- 3) Up to five noteworthy research publications (each as a .pdf file beginning with the nominee's last name and numbered 1-5: **Nominee_Lumley_Year_Research_1.pdf**) - **If a single .pdf file is too large to upload (more than 10MB), you can save the research publications as a second .pdf file and name it **Nominee_Lumley_Year_Research_1pt2.pdf****.

Please prepare each component as a separate .pdf file.

Guidelines for Preparing the Nomination Information Document

On pages following the cover page, list research accomplishments during **the five-year period January 1, 2016 through December 31, 2020**. 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**.

Label each section and the application form clearly. Please start each section on a new page. Please 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.

Cover Page – Use the page provided. - **See last page of instructions for printable Cover Page.**

Section 1: Archival Publications and Research Texts

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:

Author(s): 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. Include:

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

Section 2: Theses and Dissertations Supervised

List only those theses and dissertations that have been completed at The Ohio State University within the **five-year** window and for which the nominee was the **official advisor or co-advisor**. Do not include those for which the nominee served as an Exam Committee member. Required format is shown below. Please note by number reference to items in Sections 1 and 3 the papers that have been generated from these theses and dissertations.

2A. Completed Ph.D. Dissertations

Include: Student Name, Title of Dissertation, Date Degree Conferred.

2B. Completed M.S. Theses

Include: Student Name, Title of Thesis, Date Degree Conferred.

2C. Completed B.S. Honors Theses

Include: Student Name, Title of Thesis, Date Degree Conferred.

2D. Post-doctoral Researchers Advised

Include: Name, Dates of employment.

Section 3: Auxiliary Information

3A. Publications (Other than those listed in previously)

List the following five 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:

Author(s): 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 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:

Author(s): Title. Forum. Abstract Citation (if applicable), Date.

3C. Refereed Publications in Progress

List only papers or books which have been submitted for review to a publisher within the five-year window. Excluded are future conference presentations/publications. Recommended format is as follows:

Author(s): 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

Include: Inventor(s), Title, Application Filing Date, Issue Date

3E. Other notable research accomplishments and dates of activity

List any other notable research activity you feel is pertinent within the five-year window. These activities might include: journal editorship; journal reviewer; research committee membership or leadership; membership in research organizations or honorary societies; advisory or research panels such as for NSF, EPA, etc.; significant software development; and awards or prizes.

Section 4: Research Grants and Contracts

List only projects with a term that includes the five-year window and with an indicated project account number and PI or co-PI involvement by the nominee. Research contracts which have been agreed to in principle but have not been contractually formalized are not to be listed. 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.

Recommended format is as follows:

PI(s) and/or Co-PI(s) (percentage of the total effort): Please indicate clearly whether the nominee is a PI or a co-PI.

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?).

OSURF Project Number.

Guidelines for Summary Evaluation Letter of Research Program and Contribution

Nominators of candidates for Lumley Research Awards are requested to provide an evaluative summary of the candidate'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 department chair. The principal objective of the summary evaluation is to interpret and frame the significance of the nominee's research. Mere citation of work often does not

convey the information necessary to determine how the nominee's research is accepted, used or valued by professionals in the nominee's field.

The evaluation committee recognizes that each nominee is highly thought of by the nominator and further recognizes that evaluation statements can all be justifiably laudatory about the nominee's research. However, the committee is attempting to evaluate more accurately the substance of a nominee's research and, therefore, only more substantive examples of the value of the nominee's 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. Briefly summarize the major focus areas and impact of the candidate's research.
- B. Provide an evaluative summary of peer reviewed publications, and other publications and presentations of relevance, indicating the relative prestige of the journals/proceedings where work was published. A summary of significant invited lectures or presentations should also be included. Particular publications or bodies of work that are especially significant should be noted.
- C. Provide an evaluative summary research student advising (BS Honors, MS, and PhD students graduated during this period) for whom the candidate was the **primary** advisor. Include an indication of the relative size of the candidate's research group, and evaluate noteworthy accomplishments of the nominee's students.
- D. Discuss any major awards or honors that the candidate has received in the five-year period. These may include election as a technical society Fellow, NSF (or other) career grants, and other technical excellence awards for papers or presentations.
- E. Provide an evaluative summary of the candidate's research grant/contract activity over the five-year period. This should differentiate equipment, fellowship, and research funding, differentiation of federal/state versus industrial funding, and give weight to grants that are competitively and peer-reviewed (NSF, DOE, NIH, etc.).

Guidelines for Submitting Noteworthy Publications

The nominee should include up to five noteworthy publications listed in the nomination package. There are to be uploaded as separate .pdf file, each beginning with nominee's last name. Preference is given to archival journal publication or publications in outstanding conferences. Books can be submitted in this listing, but they count as publications (in the case of books, include the table of contents).

NOMINATION FOR COLLEGE OF ENGINEERING
2021 LUMLEY RESEARCH AWARD

Name of Nominee: _____

Rank or Title: _____

Date of Hire: _____

Department: _____

Date(s) of Previous Nomination (if applicable):

Signature of Nominee

Signature of Department Chair or Center Director

Date