

2024 Boettcher Webb-Waring Biomedical Research Awards

University of Colorado Applicant Instructions
CU Boulder

This document provides critical information to supplement the Boettcher Foundation application, biosketch template, eligibility certification and verification form and the CU-specific budget template that are posted at www.cu.edu/bfww/application-components.

All applicants from the University of Colorado Boulder must comply with these Boulder-specific instructions. For example, the initial notification deadline to your Pre-Award office is Monday, February 5, 2024, which is earlier than the date cited in the Boettcher Foundation application. You must go through your campus pre-award process, and they will submit the final document. Before you begin working on the application, please read the eligibility criteria carefully!

**Completed applications must be submitted to OCG
no later than 5:00 pm, Monday, February 19, 2024.
OCG will submit the application on your behalf no later than
5:00 pm, Friday, March 1, 2024.
The deadline is firm. No exceptions.**

WHAT'S NEW FOR THE 2024 APPLICATION PROCESS

1. Amount of award increased to \$250,000.
2. Holders of K99/R00 grants can be eligible if they clearly demonstrate that their proposed Webb-Waring Biomedical Awards research is distinct from their postdoctoral studies (and meet other eligibility criteria). Applicants must provide a written summary of the R00 aims and an explanation discussing how their proposal addresses a novel area of research that will take the applicant into a new research direction (max: 1 page).
3. Instructions for candidates who have previously applied, received feedback and are resubmitting a similarly-focused application:
 - Please include (immediately after your cover letter) a one-page response to the reviewer feedback that you received from your last application.

ELIGIBILITY

For the purposes of this program, an eligible Early-Career Investigator (ECI) is defined as:

1. **An investigator who is four years or fewer from their initial career-track academic appointment as of January 1 of the award/selection year** (i.e., whose initial career-track academic appointments began **no earlier than January 1, 2020**). The initial career-track academic appointment includes appointments at other institutions. These are faculty appointments with significant expectations regarding research, and/or teaching, and/or clinical activities and may be tenure-track or non-tenure track. For the University of Colorado, qualified “career-track academic appointments” based on the faculty titles are:
 - Tenure Track:
 - Assistant Professor
 - Associate Professor
 - Research or Clinical Track:
 - Assistant Professor
 - Associate Professor
2. **An investigator who HAS NOT previously received a major independent research award.** A major independent research award is determined to be a National Institutes of Health [NIH] R01 or similar grant which provides independent research support of at least \$175,000 less indirect costs (either single-year or multiple-year award), and which was awarded through a peer review process conducted by a public or private institution. Multiple independent awards that are, as of May 1 of the award/selection year, each less than \$175,000, but that total more than \$175,000 will not impact eligibility;

Training grants, mentored/supervised grants, and career development grants are not considered to be independent awards. There is no limit on the amount of these types of awards that an ECI can receive to maintain eligibility.

NIH “K” series grants are generally mentored grants. Holders of K99/R00 grants can be eligible if they clearly demonstrate that their proposed Webb-Waring Biomedical Awards research is distinct from their postdoctoral studies (and meet other eligibility criteria). Applicants must provide a written summary of the R00 aims and an explanation discussing how their proposal addresses a novel area of research that will take the applicant into a new research direction (max: 1 page). Applications with specific aims overlap between the R00 and ECI proposals will be administratively withdrawn prior to review.

NIH R01 grants are independent awards and holders are not eligible.

3. An investigator who received a terminal degree or completed their initial medical residency within 10 years of January 1 of the award/selection year (i.e., on or after January 1, 2014)¹; and
4. An investigator who is either a **U.S. Citizen** or **Permanent Resident, as of date of application in the award/selection year.**

Academic Appointments: Academic appointments must be documented at the time of the application. A signed letter of offer is acceptable documentation for appointment to a career-track academic position, but the start date must be prior to June 1 of the award/selection year.

Multiple Investigators: The purpose of the grant is to provide a non-mentored opportunity for an early-career investigator (ECI). A co-investigator who does not also qualify under the grant requirements is discouraged. Two investigators who both qualify as an ECI may collaborate on one application; however, the review committee will be left with the task of assessing the value of the proposed research as it advances both careers, which could place the proposal at some disadvantage. The best option is for one ECI to apply and include services (salary expense) from the second investigator in your budget.

If an early-career investigator (ECI) has one or more collaborators on their application, only one letter from a collaborator will be accepted, in addition to the four Letters of Recommendation specified later in this document.

¹Individual institutions can accommodate exceptions on the basis of individual review and consultation. Applicants that have received application extensions from NIH due to parental or family medical leave, for example, should contact the university program manager prior to submitting an application to confirm eligibility.

Major Independent Awards: If the ECI also has a pending application for a major independent award at the time of submission, the ECI remains eligible for this program if an independent award has not been received before the ECI's application is forwarded to the foundation on May 1 of the award/selection year (i.e., May 1, 2024).

OVERVIEW OF APPLICATION COMPONENTS

- Signed one-page Cover Letter (include the title of your proposal)
 - For candidates who have previously applied, received feedback and are resubmitting a similarly-focused application - include a one-page response to the reviewers.
- Signed [Eligibility Certification and Verification Form](#)
 - [Supplemental Form for Holders of K99-R00 Grants](#)
- Half-page description of the potential relevance of the proposed research to human health in simple layperson terms
- One-page Scientific Abstract
- Six-page (maximum) Investigator information
 - Boettcher Foundation Biographical Sketch Template provided at [Biosketch Template](#)
- Six-page (maximum) Research Plan
- Two-page (maximum) Budget
 - CU-specific Budget template provided at [CU-Specific Budget Template](#)
 - Detailed internal budget with budget justification
- Required letters of recommendation (see below for details)
- Signed Applicant, Department, and Institutional [Assurance Statements](#)
 - Institutional Assurance: provided by your campus research office

REQUIRED INTERNAL ROUTING DOCUMENTS

- Internal Detail budget (required for routing) not a component of the application submitted to the sponsor. Work with Lori LaFon to create the internal budget. Lori.lafon@colorado.edu
- PSR form: Proposal Submission Request (PSR)

BUDGET:

Up to six awards will be made for \$250,000 for Total Direct and Indirect Costs². You may create a budget for one, two, or three years; the funds will be released according to the annual budget. The entire amount can be payable in the first year, but the budget can also be spread out to take into account the amount of time it may take to collect data, etc. It is possible to carry over from one budget year to the next, but all funds must be expended by the close of the three-year grant period or returned.

YOU MUST USE THE SPECIAL UNIVERSITY OF COLORADO BOETTCHER WEBB-WARING BIOMEDICAL RESEARCH AWARDS BUDGET TEMPLATE.

² A lower facilities and administrative (F&A) charge of 8% is used for this career development type of award.

A total Facilities and Administrative charge of 8% is built into the macro formulae: 4% is allocated to the CU system administration and 4% is allocated to the campus. The entire CU system administration amount is charged to the first year of the budget.

Allowable expenses include, but are not necessarily limited to:

Allowable Direct Costs:

- An Investigator's salary and benefits (Please contact your Grants office for the current fringe benefit rates)
- Other salaried personnel (including CU laboratory personnel)
- Tuition or Tuition Remission
- Professional Services
- Hourly compensation for laboratory personnel (including students)
- Supplies and Materials
- Small Equipment not to Exceed \$7,500 in cost for each piece
- 50% of Large Equipment exceeding \$7,500 in cost
- Services of core laboratories
- Professional travel

Indirect Costs:

- Facilities and Administrative (F&A) costs will be charged on modified total direct costs following federal guidelines.
- Large equipment, costing over \$7,500 in total and tuition will be exempt from overhead charges. The budget template will automatically exempt these items if amounts are entered into the appropriate lines.
- As budget amounts are entered into the blue area of the template, indirect costs will automatically calculate for both the campus portion and CU system administration portion and will add to the total budget.
- System Administration charges all IDC in first year of Award.

LETTERS OF RECOMMENDATION:

Three to Four signed letters of recommendation must be submitted with the application.

- **Letter One (Required):** Must be from your **CU academic authority** such as the department or division chair/head, dean or other academic authority. **This letter must clearly state the department's commitment and nature of commitment to the applicant's research program.**
- **Letter Two (Required):** Must be from **your current mentor (if applicable) or advisor.**
- **Letter Three and Letter Four (at least one required):** Must be from **researchers outside your institution who can address the merits of the science.**
- **A maximum of four letters of reference will be accepted.**

MISCELLANEOUS NOTES:

There is no limit on the number of applications that can be submitted from each campus or unit.

2024 BOETTCHER WEBB-WARING BIOMEDICAL RESEARCH AWARDS PROGRAM

REVIEW PROCESS OVERVIEW

A distinguished and prestigious systemwide review panel will convene on Tuesday, April 23, 2024. Each application will receive two written scientific reviews and a reader score using a modified NIH scoring system. After discussion and deliberation by the entire panel, up to five recommended awardees will be selected, and the panel will forward their recommendations to the CU President. CU's final recommendations will be sent to the Boettcher Foundation for review by their Board of Trustees. Each eligible applicant will receive copies of the scientific reviews once the winners are announced by the Boettcher Foundation.

Charge to the Committee: Boettcher Foundation's objectives, definitions, and intent

- The impact of the investments should be high in terms of measurable outcomes.
- Investments should leverage existing or new partnerships to create an effort that is broader in scope than that which can be accomplished with the new funds alone.
- The awards should support existing programs that demonstrate levels of outstanding merit and accomplishment.
- The awards should support programs where existing gaps are substantial.

Criteria to be considered by the review committee include, but are not limited to:

- The scientific merit of the proposed work.
- The extent to which the research has the promise to contribute directly to improving human health.
- The preparation of the ECI and their ability to conduct independent research.
- The likelihood that the ECI will be more competitive after conclusion of the grant.
- The likelihood that the ECI will produce publications, be promoted, or contribute new technology disclosures will be considered.
- The reasonableness of the budget and the appropriateness of the timeframe proposed for the project.
- Additionally, other criteria developed by the review committee that are commonly applied in a peer review process.

The biomedical research supported pursuant to this grant program will be designed to find ways to prevent disease and improve human health through basic and applied biomedical research. The intent of the program is to fund meritorious research that has the potential for new discoveries or advances a discovery to the proof of its potential value as an application to improve human health. This research will improve the understanding, treatment, and prevention of human disease.

CONSTRUCTING THE APPLICATION

All applicants must complete and submit a Proposal Submission Request (PSR) form to Lori LaFon by no later than Monday, February 5, 2024. Instructions for submitting the PSR are at: <https://www.colorado.edu/ocg/prepare-proposals/online-psr-form> Please note that it is crucial to enter the correct org code in order to ensure the PSR routes to Lori. Budget details must be sent to lori.lafon@colorado.edu by February 5.

When the budget has been finalized, submit a final PDF to Lori (by no later than Monday, February 19, 2024), with all proposal elements included in the following order:

- 1) **Cover Letter**
 - For candidates who have previously applied, received feedback and are resubmitting a similarly-focused application - include a one-page response to the reviewers.
- 2) **Eligibility Certification and Verification Form**
 - Supplemental Form for Holders of K99-R00 Grants
- 3) **Relevance to Human Health**
- 4) **Scientific Abstract**
- 5) **Biographical Sketch**
- 6) **Research Plan**
- 7) **Budget (with justification)**
- 8) **Letters of recommendation**
- 9) **Signed assurance statement (provided by OCG)**

A final PDF document must be received by 5:00 pm, Monday, February 19, 2024, so OCG can review and provide appropriate feedback. OCG will then submit the final application to the President's Office no later than Friday, March 1, 2024.

Campus Contacts:

University of Colorado Boulder:

Lori LaFon
lori.lafon@colorado.edu

Joan Eaton
joan.eaton@colorado.edu

Office of the President Contacts:

The program manager in the Office of the President for the Boettcher Initiative at CU is Dan Montez.

Contact: webb-waring@cu.edu

Please do not contact the Boettcher Foundation directly!