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BOETTCHER FOUNDATION WEBB-WARING BIOMEDICAL RESEARCH AWARDS

2023 Boettcher Webb-Waring Biomedical Research Awards

Pre-Submission Webinar

Friday, December 9, 2022

3:30 – 4:30 p.m.

Presenters:

Dan Montez, CU President's Office (Program Manager)

Lori Sussel, PhD, Anschutz Medical Campus (Selection Committee Chair)

Chad Pearson, PhD, Anschutz Medical Campus (Selection Committee Vice Chair)

Staff:

Lucille Montoya, CU President's Office

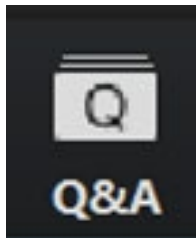
James Worsham, CU President's Office

Today's Webinar will include:

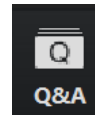
- An overview on:
 - the program
 - what's new in 2023
 - who is eligible to apply
 - the application process
 - tips for completing your application
 - key resources you may need
- Q&A Session

To Submit Questions

- You may submit a question at anytime.
- Questions will be gathered and answered at the end of the presentation.
- Just click on the Q&A icon.



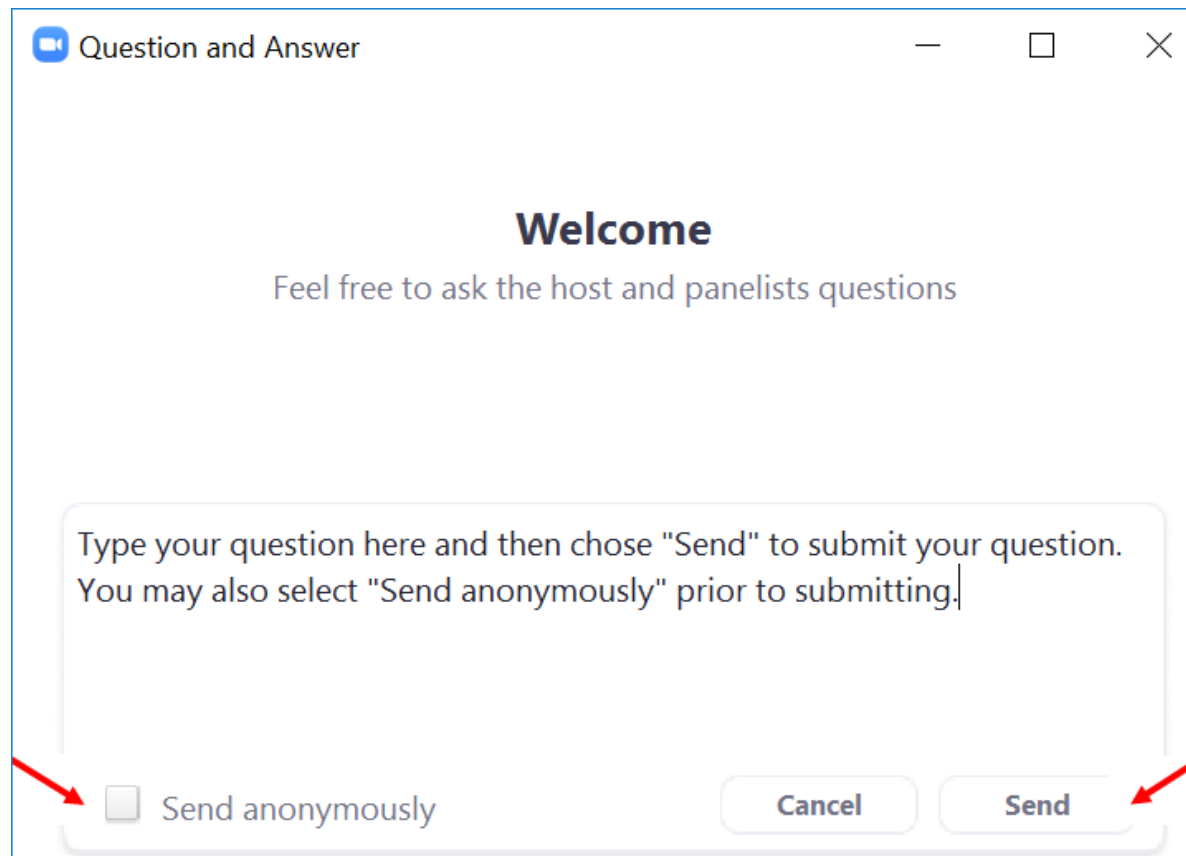
After selecting the Q&A icon,



the screen below appears.

Enter your question and select send.

Questions will be answered as we go or at the end of the presentation.

A screenshot of a software window titled "Question and Answer". The window has a white background and a blue border. At the top left, there is a blue icon with a white question mark and the text "Question and Answer". At the top right, there are three window control icons: a minus sign, a square, and an X. In the center, the word "Welcome" is written in a large, bold, black font. Below it, the text "Feel free to ask the host and panelists questions" is written in a smaller, blue font. At the bottom, there is a text input field with a light blue border. Inside the field, the text "Type your question here and then chose 'Send' to submit your question. You may also select 'Send anonymously' prior to submitting." is written in a blue font. Below the input field, there is a checkbox labeled "Send anonymously" and two buttons: "Cancel" and "Send". Two red arrows point to the checkbox and the "Send" button.



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About the Program & Eligibility

About the Grants

- Up to 6 grants of \$235,000 including F&A total (*for up to 3 years of research activity*) for promising and talented early-career investigators at CU.
- Awardees will receive the prestigious title of “Boettcher Investigator”.
- Eligible faculty researchers from all four CU campuses are encouraged to apply.
- For more information:

<https://www.cu.edu/bfww/about-grant>

What's New in 2023:

1. A sixth award has been allocated to CU in 2023.
2. Eligibility criteria for initial career-track position and terminal degree or medical residency are now based on January 1 of the year of the award – rather than January 1 of the year the program is announced.
3. Threshold for a “major independent research award” has been raised from \$125,000 (excluding indirect costs) to \$175,000 (excluding indirect costs).
4. The limit for equipment was increased from \$5,000 to \$7,500.

What's New in 2023:

6. Holders of K99/R00 grants may be eligible if they clearly demonstrate that their proposed Webb-Waring Biomedical Awards research is distinct from their postdoctoral studies.
7. Clarified that the initial career-track appointment may have occurred at another institution and therefore, the four-year clock would start with the first initial career-track appointment.
8. Requirement to be a U.S. Citizen or Permanent Resident, is as of date of application in the award/selection year.

To be eligible, you must:

1. Be within four years of appointment to your initial career-track academic position.

- Career-track appointment began on or after January 1, 2019.
 - In general, these are faculty appointments that have a significant expectation regarding research, teaching, and/or clinical activities.
- Eligible faculty titles at CU are:
 - Tenure Track: Assistant Professor, Associate Professor
 - Research or Clinical Track: Assistant Professor, Associate Professor.

To be eligible, you must:

2. Have not previously received a major independent research award.

- At the time of application...and time of selection.
- “A major independent award” includes:
 - NIH R01 or similar grant which provides independent research support of at least \$175,000 (excluding indirect costs)
- NEW: 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 also meet other eligibility criteria).
- You may be eligible if you have received:
 - Multiple independent awards that are each less than \$175,000 (direct costs only) but that total more than \$175,000
 - Training grants, mentored grants, career development grants

To be eligible, you must:

3. Have received a terminal degree or completed your medical residency within the ten years preceding the application.

- This means you must have received a terminal degree or completed your medical residency on or after January 1, 2013.

4. Be either a U.S. citizen or permanent resident.

- As of date of application in the award/selection year.

Remember:

1. You must meet all four criteria to be eligible.
2. You should determine eligibility before proceeding with application.
3. You must complete and sign the 2023 Eligibility Certification and Verification Form
 - Department chair must sign to verify your eligibility.



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Items to Stress

Items to Stress

1. The career plan is an important criteria.
2. Your departmental commitment is important.
3. Find ways to stress how this grant will help you progress to independence via your:
 - Mentor letter
 - Departmental commitment letter/statement.



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Application Process & Tips

Application (General Suggestions):

- Follow the instructions.
- Treat this like a grant application to an agency like NIH.
- Use Arial 11 font and one-inch margins.
- Don't use fancy formatting to make two columns or anything else that may make it difficult for a reviewer to read either on paper or on a screen.

Application Components:

Cover Letter: Explain the goals of the research in a way that is suitable for a lay audience. (*one-page maximum*)

Section 1. Relevance to human health: (*half-page maximum*)
Use lay terms. Explain clearly the health relevance of the research.

Section 2. Scientific Abstract: (*one-page maximum*) A good idea to include your specific aims.

Section 3. Investigator Information: (*six-page maximum*) Follow the biosketch template. Remember that the personal statement section is an opportunity to explain why you're the best person to do this research and how this project fits into your field. Please explain how this award will help you become an independent investigator.

- Career plan is important criteria

Application Components (cont.):

Section 4. Research Plan (*six-page maximum*)

- Reviewers expect to see a grant that looks like a NIH-type grant.
- Have clearly defined Specific Aims.
- Background and Significance. Explain the health relevance, as well as the likely scientific impact of the work. This is also your opportunity to establish that the scientific rationale and premise underlying your proposal is sound. Discuss the innovative aspects of your work.
- Approach. Specific plan should describe research design and methods with sufficient detail for the reader to understand what you're doing. Preliminary data (e.g., establishing feasibility) can be included. If the project will develop pilot data for future studies, explain why that is valuable and what will be done with those data. Include statistical justification (e.g., power analyses) and explain how data will be analyzed. Justify feasibility and numbers for any animal or human studies.

Application Components (cont.):

Section 4. Research Plan (cont.)

- To establish feasibility - ask yourself:
 - Have I shown that it is possible to do this?
 - Can I actually do it with the expertise and facilities that I have?
- Include expected results section.
- Include discussion of potential pitfalls/alternative approaches.
- Timeline (optional)
- References (50 max) are not included in the six pages.
 - References should demonstrate knowledge of the literature, scientific capability of investigator and feasibility.
 - Cite your own relevant papers and make it clear to the reader that this is YOUR previous work.
 - Do not ignore important relevant studies, especially if they raise doubts about your work.

Application Components (cont.):

Section 5. Budget: (*two-page maximum*) Break up into components as in instructions. Explain how the budget supports your research plan in the budget justification.

Section 6. Assurances: Sign your form as stated in instructions. Campus assurance form needs to be included.

Letters of recommendation - Including:

1. 1 letter from your chair or division chief and should include a description of your department's commitment to your research program (such as equipment, space, protected time and/or startup funds).
2. 1 letter from your mentor or advisor who can attest to your promise and abilities.
3. 1-2 letters from researchers OUTSIDE your institution who can address the merits of your science. It is better if these people can write letters that make it clear that they really know you and are familiar with your research.

A MAXIMUM OF 4 LETTERS WILL BE ACCEPTED.

Application Hints

- Have your faculty mentor or someone else who is experienced at getting and reviewing grants to read your proposal.
- Do not assume that the reviewers will be experts in YOUR field. But do realize that all reviewers are accomplished and successful researchers and are experienced at reading and reviewing research proposals.
- If your proposal is hypothesis-driven, make it clear how the work you propose will test the hypotheses.
- If your work is “discovery” research or non-hypothesis driven research, explain how generating these data will move the field forward.



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Key Resources You May Need

BFWW Homepage

<https://www.cu.edu/bfww>

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BOETTCHER FOUNDATION WEBB-WARING BIOMEDICAL RESEARCH AWARDS NEWS

[CU faculty researchers invited to apply for 2023 Boettcher Investigator status](#)

[Five CU researchers among Boettcher Foundation's 2022 class of Boettcher Investigators](#)

[Advancing Discoveries to Speed Intervention](#)

[Boettcher Foundation Invests in Promising Biomedical Researchers](#)

[Metabolomics: The Science Behind a Tour de France Winner](#)

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The Boettcher Foundation Webb-Waring Biomedical Research Awards Program supports early career investigators whose research has a direct impact on human health. 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. Awardees will carry the prestigious title of Boettcher Investigator.

[CU's fifty-nine Boettcher Investigators](#) have been awarded a total of [\\$13,720,000](#) since the program was initiated in 2010. See all [CU Boettcher Investigators](#).

CAMPUS-SPECIFIC DEADLINES

Applications must be submitted to your campus Grants office by the campus-specific deadlines included in the campus-specific instructions:

- [CU Boulder](#)
- [CU Colorado Springs](#)
- [CU Denver | Anschutz Medical Campus](#)

Campus Grant Offices must submit final completed applications to the President's Office by March 3, 2023.

Campus-Specific Process/Deadlines

<https://www.cu.edu/bfww/how-apply>

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How To Apply

To apply, please review the Boettcher Foundation Webb-Waring Biomedical Research Awards [application document](#) in conjunction with the campus-specific instructions below for additional guidance.

- [CU Boulder](#)
- [CU Colorado Springs](#)
- [CU Denver | Anschutz Medical Campus](#)

BOETTCHER FOUNDATION WEBB-WARING BIOMEDICAL RESEARCH AWARDS NEWS

[Advancing Discoveries to Speed Intervention](#)

[Five CU researchers named to 2021 class of Boettcher Investigators](#)

[Boettcher Foundation Awards \\$1.41 Million in Biomedical Research Grant Funding to Colorado Researchers](#)

Location of Application Components

<https://www.cu.edu/bfww/application-components>

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[Cepon-Robins illustrates how immune responses to intestinal parasites could reduce severity of COVID-19](#)

Application Components

Application Components

Application FAQs

Boettcher Foundation Webb-Waring Biomedical Research Awards Application

- [Boettcher Webb-Waring Biomedical Research Application](#) (pdf)
- [Eligibility Certification and Verification Form](#) (docx)
- [Biosketch Template](#) (docx)
- [CU-Specific Budget Template](#)(xls)

Applicant Assurances

- [CU Boulder](#)
- [CU Colorado Springs](#)
- [CU Denver | Anschutz Medical Campus](#)

Campus Contacts

- University of Colorado Boulder:
 - Lori Lafon lori.lafon@colorado.edu
 - Joan Eaton joan.eaton@colorado.edu
- University of Colorado Colorado Springs
 - Whitney Anne Porter wporter@uccs.edu
 - Gwen Gennaro ggennaro@uccs.edu
- CU Denver | Anschutz Medical Campus
 - Garrett Steed garrett.steed@cuanschutz.edu



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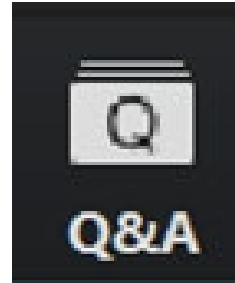
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Q&A

To Submit Questions

- Click on the Q&A icon.



- If we run out of time, we will continue to gather your questions and send answers to all via email.
- Reminder: FAQs on the Website

<http://www.cu.edu/bfww/FAQs>

Wrap-Up

- Thank you to Dr. Lori Sussel and Dr. Chad Pearson.
- A recording of the Webinar and Slides will be posted to BFWW website.
 - <https://www.cu.edu/bfww>
- Please provide feedback – via a short online survey.
 - You will be directed to the online survey at the end of the webinar.
 - Your feedback is important.

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BFWW Pre-Submission Webinar Survey

Your feedback and comments about the December 2022 Boettcher Webb-Waring Biomedical Research Awards webinar would be greatly appreciated. Please take a few minutes to complete the survey.

1) On a scale of 1-5, with 1=Poor and 5=Excellent, please rate the following items:

	1	2	3	4	5	N/A
Registration	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Connection	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Webinar Materials	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Webinar Content	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q&A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2) Other comments or recommendations about the webinar:

3) Would you recommend this webinar to others? Yes No

4) How did you find out about this webinar?



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Thank you!