2022 Boettcher Webb-Waring Biomedical Research Awards

Pre-Submission Webinar

Tuesday, December 14, 2021
3:00 – 4:00 p.m.

Presenters:
Dan Montez, CU President’s Office (Program Manager)
Ronald Sokol, MD, Anschutz Medical Campus (Selection Panel Chair)

Staff:
Lucille Montoya, CU President’s Office
James Worsham, CU President’s Office
Today’s Webinar will include:

• An overview on:
  – the program
  – 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.
About the Program & Eligibility
About the Grants

- Up to 5 grants of $235,000 *(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](https://www.cu.edu/bfww/about-grant)
To be eligible, you must:

1. Be within four years of your appointment to a career-track academic position.
   - Career-track appointment began on or after January 1, 2017.
     - The timeline is based on the year the program is announced (i.e., 2021) – not the year of the actual award (i.e., 2022).
     - In general, these are faculty appointments that have a significant expectation regarding research, teaching, and/or clinical activities.
   - Eligible titles at CU are:
     - Tenure and Tenure Track: Assistant Professor, Associate Professor
     - Research Faculty: [Research Professor Series] Research Assistant Professor, Research 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.
     - We must re-confirm this prior to submitting awardee names to the Boettcher Foundation.
   - “A major independent award” includes:
     - NIH R01 or similar grant (including K99/R00) which provides independent research support of at least $125,000
       - Direct costs only
       - Either single-year or multiple-year award
   - You may apply if you have received:
     - Multiple independent awards that are each less than $125,000 (direct costs) but that total more than $125,000
     - 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, 2011.

4. Be either a U.S. citizen or a permanent resident.
   - At the time of submitting application.
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 2022 Eligibility Certification and Verification Form
   - Department chair must sign to verify your eligibility.
A Couple of Items to Stress
As you listen to the next portion (video taped from 2021) – please keep in mind:

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.
4. You may know that NIH has changed their biosketch template this year...our template has not changed.
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.

Section 1. Relevance to human health: Use lay terms. Explain clearly the health relevance of the research.

Section 2. Scientific Abstract: A good idea to include your specific aims.

Section 3. Investigator Information: 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 (6 pages max)

- 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 6 pages.
  - References should demonstrate knowledge of the literature, scientific capability of investigator and feasibility.
  - Therefore 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: (2 page max) 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.
  - Explain why your work is important so that a reviewer who is not in your field but is an experienced investigator will understand the potential impact.

- 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.
Key Resources You May Need
Boettcher Foundation Webb-Waring Biomedical Research Awards

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-four Boettcher Investigators have been awarded a total of $12,545,000 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 February 25, 2022.
Campus-Specific Process/Deadlines

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

Boettcher Foundation Webb-Waring Biomedical Research Awards

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
Location of Application Components

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

Boettcher Foundation Webb-Waring Biomedical Research Awards

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:
  – Allison Fischer allison.fischer@colorado.edu
  – Joan Eaton joan.eaton@colorado.edu

• University of Colorado Colorado Springs
  – Trish Rea prea@uccs.edu
  – Gwen Gennaro ggennaro@uccs.edu

• CU Denver | Anschutz Medical Campus
  – Garrett Steed garrett.steed@cuanschutz.edu
Q&A with Dr. Sokol
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. Ronald Sokol.
- A recording of the Webinar and Slides will be posted to BFWW website.
  - [https://www.cu.edu/bfww](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.
Boettcher Foundation Webb-Waring Biomedical Research Awards

BFWW Pre-Submission Webinar Survey

Your feedback and comments about the December 2021 Boettcher Webb-Waring Biomedical Research Awards webinar would be greatly appreciated. Please take a few minutes to complete survey.

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

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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?

Submit
Thank you!