

Pilot Project Program

The NIH-funded Brain Vascular Malformation Consortium (BVMC, U54 NS065705) is soliciting proposals for a one-year pilot project proposal. Proposals should focus on the following rare diseases and/or related outcomes in cerebral cavernous malformation (CCM), Sturge Weber syndrome (SWS), or hereditary hemorrhagic telangiectasia (HHT). <https://www.rarediseasesnetwork.org/cms/bvmc/About-Us>

Instructions:

Applications must include the following:

- Two-page research description in standard NIH format (Specific Aims, Significance, Innovation, and Approach). All proposals should include one additional page outlining the timeline and significant milestones, with clear go/no go criteria.
- NIH Biosketch for key investigators involved in the project. (See attached template)
- Budget and brief Justification (See attached templates)
- Applications must be submitted to Phillip.evans@ucsf.edu no later than **Friday, March 17, 2023**.

Funding:

- Pilot projects proposals will be capped at \$50,000.
- Proposals will be reviewed by the BVMC Executive Steering Committee and selected for funding based on the following criteria: clinical research potential in rare diseases, potential to enhance clinical trial readiness for any of the three BVMC diseases; thematic relationship to the aims and scope of the BVMC; scientific quality of the proposal; leverage existing BVMC (and RDCRN) resources and infrastructure, *especially patient registries/databases*; feasibility in projected time frame; ability to support promising junior investigators; ability to seed *new* collaborations that might lead to novel research concepts or therapeutic approaches; and ability to seed *new* collaborations that might lead to new grant proposals.
- **Anticipated Start date is July 1, 2023.**

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors.
 Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME:

eRA COMMONS USER NAME (credential, e.g., agency login):

POSITION TITLE:

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)*

INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	Completion Date MM/YYYY	FIELD OF STUDY

A. Personal Statement

B. Positions, Scientific Appointments, and Honors

C. Contributions to Science

Instructions for a Biographical Sketch

Updated March 2021 – See Guide Notice [NOT-OD-21-073](#)

(located in the SF424 R&R Instructions, G.240 R&R Senior/Key Person Profile Expanded Form)

These instructions apply to Research (R), Career Development (K), Training (T), Fellowship (F), Multi-project (M), and SBIR/STTR (B). Hyperlinks and URLs are only allowed when specifically noted in funding opportunity announcement (FOA) and form field instructions

Who must complete the "Biographical Sketch" section:

All senior/key personnel and [other significant contributors \(OSCs\)](#) must include biographical sketches (biosketches).

Format:

Use the sample format on the [Biographical Sketch Format Page](#) to prepare this section for all grant applications.

Figures, tables (other than those included in the provided format pages), or graphics are not allowed in the biosketch. Do not embed or attach files (e.g. video, graphics, sound, data).

The biosketch may not exceed 5 pages per person. This 5-page limit includes the table at the top of the first page.

Attach this information as a PDF file. See the [Format Attachments](#) page.

Content:

Note that the instructions here follow the format of [Biographical Sketch Format Page](#).

Name:

Fill in the name of the senior/key person or other significant contributor in the "Name" field of the Biosketch Format Page.

eRA Commons User Name:

If the individual is registered in the [eRA Commons](#), fill in the eRA Commons User Name in the "eRA Commons User Name" field of the Biosketch Format Page.

The "eRA Commons User Name" field is required for the PD/PI (including career development and fellowship applicants), primary sponsors of fellowship applicants, all mentors of candidates for mentored career development awards, and candidates for diversity and reentry research supplements.

The "eRA Commons User Name" field is optional for other project personnel.

The eRA Commons User Name should match the information provided in the [Credential field](#) of the R&R Senior/Key Person Profile (Expanded) Form in your grant application.

Position Title:

Fill in the position title of the senior/key person or other significant contributor in the "Position Title" field of the Biosketch Format Page.

Education/Training

Complete the education block. Begin with the baccalaureate or other initial professional education, such as nursing. Include postdoctoral, residency, and clinical fellowship training, as applicable, listing each separately.

For each entry provide:

- the name and location of the institution
- the degree received (if applicable)
- the month and year of end date (or expected end date). For fellowship applicants only, also include the month and year of start date.
- the field of study (for residency entries, the field of study should reflect the area of residency training)

Following the education block, complete Sections A-D of the biographical sketch.

A. Personal Statement

Briefly describe why you are well-suited for your role(s) in this project. Relevant factors may include: aspects of your training; your previous experimental work on this specific topic or related topics; your technical expertise; your collaborators or scientific environment; and/or your past performance in this or related fields, including ongoing and completed research projects from the past three years that you want to draw attention to (previously captured under Section D. Research Support).

You may cite up to four publications or research products that highlight your experience and qualifications for this project. Research products can include, but are not limited to, audio or video products; conference proceedings such as meeting abstracts, posters, or other presentations; patents; data and research materials; databases; educational aids or curricula; instruments or equipment; models; protocols; and software or netware. Use of hyperlinks and URLs to cite these items is not allowed.

You are allowed to cite interim research products. **Note:** interim research products have specific citation requirements. See related [Frequently Asked Questions](#) for more information.

Note the following additional instructions for ALL applicants/candidates:

- If you wish to explain factors that affected your past productivity, such as family care responsibilities, illness, disability, or military service, you may address them in this "A. Personal Statement" section.
- Indicate whether you have published or created research products under another name.
- You may mention specific contributions to science that are not included in Section C. Do not present or expand on materials that should be described in other sections of this Biosketch or application.
- Figures, tables, or graphics are not allowed.

Note the following instructions for specific subsets of applicants/candidates:

- For institutional research training, institutional career development, or research education grant applications, faculty who are not senior/key persons are encouraged, but not required, to complete the "A. Personal Statement" section.
- Applicants for dissertation research awards (e.g., R36) should, in addition to addressing the points noted above, also include a description of their career goals, their intended career trajectory, and their interest in the specific areas of research designated in the FOA.
- Candidates for research supplements to promote diversity in health-related research should, in addition to addressing the points noted above, also include a description of their general scientific achievements and/or interests, specific research objectives, and career goals. Indicate any current source(s) of educational funding.

B. Positions, Scientific Appointments and Honors

List in reverse chronological order all current positions and scientific appointments both domestic and foreign, including affiliations with foreign entities or governments. This includes titled academic, professional, or institutional appointments whether or not remuneration is received, and whether full-time, part-time, or voluntary (including adjunct, visiting, or honorary). High school students and undergraduates may include any previous positions. For individuals who are not currently located at the applicant organization, include the expected position at the applicant organization and the expected start date.

List any relevant academic and professional achievements and honors. In particular:

- Students, postdoctorates, and junior faculty should include scholarships, traineeships, fellowships, and development awards, as applicable.
- Clinicians should include information on any clinical licensures and specialty board certifications that they have achieved.

C. Contributions to Science

Who should complete the "Contributions to Science" section:

All senior/key persons should complete the "Contributions to Science" section except candidates for research supplements to promote diversity in health-related research who are high school students, undergraduates, and post-baccalaureates.

Format:

Briefly describe up to five of your most significant contributions to science. The description of each contribution should be no longer than one half page, including citations.

While all applicants may describe up to five contributions, graduate students and postdoctorates may wish to consider highlighting two or three they consider most significant.

Content:

For each contribution, indicate the following:

- the historical background that frames the scientific problem;

- the central finding(s);
- the influence of the finding(s) on the progress of science or the application of those finding(s) to health or technology; and
- your specific role in the described work.
- Figures, tables, or graphics are not allowed.

For each contribution, you may cite up to four publications or research products that are relevant to the contribution. If you are not the author of the product, indicate what your role or contribution was. Note that while you may mention manuscripts that have not yet been accepted for publication as part of your contribution, you may cite only published papers to support each contribution. Research products can include audio or video products (see the [NIH Grants Policy Statement, Section 2.3.7.7: Post-Submission Grant Application Materials](#)); conference proceedings such as meeting abstracts, posters, or other presentations; patents; data and research materials; databases; educational aids or curricula; instruments or equipment; models; protocols; and software or netware. Use of hyperlinks and URLs to cite these items is not allowed.

You are allowed to cite interim research products. Note: interim research products have specific citation requirements. See related [Frequently Asked Questions](#) for more information.

You may provide a URL to a full list of your published work. This URL must be to a Federal Government website (a .gov suffix). NIH recommends using [My Bibliography](#). Providing a URL to a list of published work is not required.

Descriptions of contributions may include a mention of research products under development, such as manuscripts that have not yet been accepted for publication. These contributions do not have to be related to the project proposed in this application.

***D. Scholastic Performance**

****Note that only the following types of applicants must complete this section:***

- applicants for predoctoral and postdoctoral fellowships
- applicants to dissertation research grants (e.g., R36)
- candidates for research supplements to promote diversity in health-related research from the undergraduate through postdoctoral levels

Scholastic Performance

Predocctoral applicants/candidates (including undergraduates and post-baccalaureates): List by institution and year **all** undergraduate and graduate courses, with grades. In addition, explain any grading system used if it differs from a 1-100 scale; an A, B, C, D, F system; or a 0-4.0 scale. Also indicate the levels required for a passing grade.

Postdoctoral applicants: List by institution and year **all** graduate scientific and/or professional courses with grades. In addition, explain any grading system used if it differs from a 1-100 scale; an A, B, C, D, F system; or a 0-4.0 scale. Also indicate the levels required for a passing grade.

Additional Instructions for Multi-Project:

Each Senior/Key Person, including the PD/PI, is allowed one biosketch for the entire application. If an individual will participate on multiple components, attach the biosketch to any single component.

DETAILED BUDGET FOR INITIAL BUDGET PERIOD DIRECT COSTS ONLY	FROM	THROUGH
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List PERSONNEL (*Applicant organization only*)
 Use Cal, Acad, or Summer to Enter Months Devoted to Project
 Enter Dollar Amounts Requested (*omit cents*) for Salary Requested and Fringe Benefits

NAME	ROLE ON PROJECT	Cal. Mnths	Acad. Mnths	Summer Mnths	INST.BASE SALARY	SALARY REQUESTED	FRINGE BENEFITS	TOTAL
	PD/PI							

SUBTOTALS →			
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CONSULTANT COSTS	
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EQUIPMENT (<i>Itemize</i>)	
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SUPPLIES (<i>Itemize by category</i>)	
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TRAVEL	
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INPATIENT CARE COSTS	
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OUTPATIENT CARE COSTS	
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ALTERATIONS AND RENOVATIONS (<i>Itemize by category</i>)	
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OTHER EXPENSES (<i>Itemize by category</i>)	
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CONSORTIUM/CONTRACTUAL COSTS	
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CONSORTIUM/CONTRACTUAL COSTS	
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CONSORTIUM/CONTRACTUAL COSTS	
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CONSORTIUM/CONTRACTUAL COSTS	
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CONSORTIUM/CONTRACTUAL COSTS	
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CONSORTIUM/CONTRACTUAL COSTS	
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SUBTOTAL DIRECT COSTS FOR INITIAL BUDGET PERIOD (<i>Item 7a, Face Page</i>)	\$
CONSORTIUM/CONTRACTUAL COSTS	
TOTAL DIRECT COSTS FOR INITIAL BUDGET PERIOD	\$

Program Director/Principal Investigator (Last, First, Middle):

Budget Justification
Institution Name

PERSONNEL

Doctor, Degree, Principal Investigator, salary requested at ## calendar months over 5 years
Dr. will...

Doctor, PhD, Co-Investigator, salary requested at ## calendar months over 5 years
Dr. will...

CONSULTANT COSTS

EQUIPMENT

Items must cost \$5K or more to be classified as “equipment.” This includes all the components required to make an item work (i.e. \$3K for machine plus \$3K for software to run the machine is a \$6K piece of equipment). Explain why the equipment is needed to advance the aims of the project and state that it will be used specifically and exclusively for the project.

SUPPLIES

In general, it is best to list items that are representative of what you mean by “supplies” and state that they are necessary to achieve the aims of the project and will be used specifically and exclusively for the project.

TRAVEL

Description should include how the travel advances the aims of the project, who is traveling, # trips, and itemize trip expenses:

- # travelers**
- RT Airfare to/from (East Coast, So Cal, specific City)**
- Lodging per night x # nights**
- Per Diem (based on established rates)**
- Ground transportation (cab fare, parking, airport shuttles)**
- Other (registration fees, etc.)**

IN/OUTPATIENT CARE

OTHER EXPENSES

FACILITIES AND ADMINISTRATIVE EXPENSES