

# New Voices in Sciences, Engineering, and Medicine

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## 2023 Application Preview

*Note: This preview of our application is intended to help you prepare your application materials. All applications must be submitted via [our online application form](#) to be considered.*

## Instructions & Eligibility

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### About the Program

New Voices in Sciences, Engineering, and Medicine is a cohort-based leadership program that promotes collaboration among outstanding early- and mid-career scientists, engineers, and medical professionals during a two-year term of service. The program aims to expand the diversity of expertise engaged in the convening and advisory functions of the National Academies while building a network of emerging U.S. leaders to address national and global challenges.

We are seeking U.S.-based emerging leaders in all disciplines of the sciences, engineering, and medicine with an established track record of professional excellence and demonstrated commitment to service beyond their immediate discipline and institution. Individuals with under-represented backgrounds in the sciences, engineering, and medicine and/or demonstrated interest in science communication, international scientific collaboration, and science policy advice are encouraged to apply.

Please review our website for program details, and reach out to [newvoices@nas.edu](mailto:newvoices@nas.edu) with any questions.

### About the Application

You may save your application as a draft at any time and resume it later. To do so, please scroll down to the bottom of the page and click on the "Save Application" button. Please do not use the back button or you will lose any unsaved information.

Once your application is complete, remember to click on the "Submit Application" button located at the bottom of the page. You will not be able to submit a new application or make changes to your existing draft once the deadline has passed.

### Email\*

Character Limit: 100

## Eligibility

Please answer the following questions to confirm your eligibility for this opportunity before beginning the application:

### Terminal Degree Completion\*

Do you hold a terminal degree (e.g., PhD, MD, etc.) in any discipline within the sciences, engineering, or medicine, including social science disciplines?

#### Choices

Yes

No

### Affiliation with a U.S. Institution\*

Do you have a primary affiliation with a U.S. institution?

#### Choices

Yes

No

### Permanent Residency in the U.S.\*

Are you based in the United States with either citizenship, permanent residency, or DACA recipient status?

#### Choices

Yes

No

### Career Stage\*

Have you obtained your terminal degree or completed your post-doctoral or medical training within the last 15 years?

*Note: Applicants who exceed this limit due to caregiving leave or military service are encouraged to select "Other" and describe their situation.*

#### Choices

Yes

No

Other (describe)

## Eligibility explanation

**Please describe your professional timeline if it exceeds 15 years beyond your terminal degree.\***

*Note: Applicants who exceed this limit due to caregiving leave or military service are encouraged to select "Other" and describe their situation.*

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Character Limit: 1500

## Contact Information

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**First name\***

Character Limit: 40

**Last name\***

Character Limit: 50

**What are your pronouns?\***

Select all that apply

**Choices**

he/him/his

she/her/hers

they/them/theirs

other/prefer to self-describe below

prefer not to answer

**Please self-describe, if preferred.**

Character Limit: 200

**Current city\***

Character Limit: 40

**Current state\***

Character Limit: 250

**Current country\***

**What is your permanent city, state, and country of residence, if different from above?\***

Enter N/A if the same as above.

Character Limit: 250

**Primary phone number (format: +xx-xxx-xxx-xxxx)\***

Character Limit: 16

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## Education Information

Please share details of the highest degree you have received.

### Degree type\*

*Note: A terminal degree is required eligibility for this program.*

#### Choices

Apprenticeship/license  
Associate degree  
Bachelor's Degree  
Graduate Degree  
Doctorate or Professional Degree  
Certification  
Other (describe below)

### Please describe "Other," if selected.

*Character Limit: 250*

### Awarding institution\*

*Separate by commas if multiple.*

*Character Limit: 250*

### Area of Study\*

*Character Limit: 250*

### Graduation year\*

For terminal degree.

### Did you complete additional training (i.e., medical) after your degree, as required by your field?\*

#### Choices

Yes  
No

### If yes, what year did you complete your training?

*Character Limit: 200*

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## Current Employment Information

Please share details about your current employment.

**How many years of work experience do you have?\***

**Choices**

- 1-5 years
- 5-10 years
- 10-15 years
- 15-20 years
- 20-25 years
- 25+ years

**What is your current employment status?\***

**Choices**

- Employed full-time
- Employed part-time
- Not employed
- Other (describe below)

**Please describe "Other," if selected.**

*Character Limit: 250*

**What is your current title?\***

*Character Limit: 250*

**What is your current primary organization or affiliation?\***

*Character Limit: 250*

**Where is this organization or affiliation located? (City, State, Country)\***

*Character Limit: 250*

**List any other organizations or affiliations relevant to this application.\***

*Character Limit: 2000*

**How would you classify the type of work that you do?\***

(select all that apply)

**Choices**

- Academia
- Industry
- Government
- Non-profit
- Self-employment
- Other (describe below)

*Note: All applications must be submitted via [our online application form](#) to be considered.*

**Please describe "Other," if selected.**

*Character Limit: 2000*

### *Academia Additional Questions (if selected)*

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**How would you classify the type of work that you do?\***

(select all that apply)

**Choices**

- College/university faculty member—tenure track
- College/university faculty member—non-tenure track
- College/university administrator (e.g., dean, provost, department chair)
- Staff at a college/university
- Research Associate
- Other (describe below)

**Please describe "Other," if selected.**

*Character Limit: 250*

### *Industry, Government, or Non-profit (if selected)*

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**What is your role? (select all that apply)\***

**Choices**

- Scientist or researcher
- Executive
- Program Manager
- Program Analyst Human Resources
- Other (please specify)

**Other (if applicable)**

*Character Limit: 200*

### *Self-employed question (if selected)*

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**Describe the scope of your work including the sector and/or industry you work in.\***

*Character Limit: 2000*

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## Demographic Information

The National Academies of Sciences, Engineering, and Medicine value diversity in our members, volunteers, and staff and strive to foster a culture of inclusion and respect among all participants in its workplace and activities. Collecting demographic information on applicants and members allows us to ensure diverse representation in our recruitment activities and track progress towards achieving our DEI goals.

All responses provided are stored in our secured membership database and will only be accessible to authorized National Academies staff. If you have questions or concerns about how your responses will be used, please contact program staff at [newvoices@nas.edu](mailto:newvoices@nas.edu).

### What is your age range?\*

#### Choices

Under 29  
30-34  
35-39  
40-44  
45-50  
50+

### Which best describes your group identity(ies)?\*

Select all that apply

#### Choices

Alaska Native or American Indian or Indigenous or Native American  
Asian or Asian American  
Black or African American  
Hispanic/Latina/o/e/x or of Spanish origin  
Middle Eastern or North African  
Native Hawaiian or Other Pacific Islander  
White  
Other/Prefer to self-describe (see below)  
Prefer not to answer.

### Please self-describe, if selected.

Character Limit: 250

### Which best describes your gender identity(ies)?\*

Select all that apply

#### Choices

Woman  
Man  
Transgender

Note: All applications must be submitted via [our online application form](#) to be considered.

Non-Binary  
Other/Prefer to self-describe below  
Prefer not to answer.

**Please self-describe, if selected.**

*Character Limit: 250*

**Which best describes your sexual identity(ies)?\***

*Select all that apply*

**Choices**

Bisexual  
Gay or Lesbian  
Heterosexual  
Other/Prefer to self-describe below  
Prefer not to answer.

**Please self-describe, if selected.**

*Character Limit: 250*

**Global Engagement**

We are interested in engaging U.S.-based international professionals through the New Voices program to include global perspectives where possible. Please answer the questions below to highlight the international perspectives you bring.

**International Background\***

In addition to the United States, do you have another international background you consider to be part of your identity?

*Note: The answer to this question will not affect eligibility or review as long as you are based in the U.S. and primarily affiliated with a U.S. based institution.*

**Choices**

Yes, I grew up in another country.  
Yes, I grew up in the U.S. but have strong ties to another country.  
No.  
Other  
Prefer not to answer.

**Please describe "Other," if selected.**

*Character Limit: 2000*

**If yes, please specify what country:**

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**As part of your current role, do you have an existing and established international collaboration?\***

**Choices**

Yes

No

**If yes, please enter country or region:**

*Character Limit: 250*

**Do you have an apparent or non-apparent disability and/or chronic condition?\***

**Choices**

Yes

No

Prefer not to disclose.

**Are you a Veteran of the U.S. Military?\***

**Choices**

Yes

No

Prefer not to answer

***Disability Status (if applicable)***

**How would you describe your disability or chronic condition? (select all that apply)\***

**Choices**

Attention deficit

Autism

Blind or low vision

Deaf or hard of hearing

Health-related disability

Learning disability

Mental health condition

Mobility-related disability

Speech-related disability

Other (please specify)

Prefer not to answer.

**If other, please specify:**

*Character Limit: 250*

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## *Veteran Status (if applicable)*

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**In what branch of the military did you serve? (select all that apply)\***

**Choices**

Air Force  
Army  
Coast Guard  
Marine Corps  
National Guard  
Navy  
Space Force  
Prefer not to answer.

## *Biographical Information*

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**Short bio (250 words max)\***

Please use <https://wordcounter.net/> to ensure compliance.

*Character Limit: 1600*

**LinkedIn or personal website URL\***

*Character Limit: 2000*

**What discipline(s) of science, engineering, or medicine are you trained in? (Check all that apply)\***

**Choices**

Social sciences  
Natural sciences  
Formal sciences  
Engineering  
Medicine  
Other (describe below)

## *Social Sciences Additional Questions (if applicable)*

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**Please select the sub-categories of social science that describe your work.\***

**Choices**

Anthropology  
Archaeology  
Economics  
Education & pedagogy  
Geography  
Linguistics

*Note: All applications must be submitted via [our online application form](#) to be considered.*

Law  
Political science  
Psychology  
Sociology  
Social Work  
Other (describe below)

**Please describe "Other," if selected.**

*Character Limit: 250*

### *Natural Sciences Additional Questions (if applicable)*

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**Please select the sub-categories of natural science that describe your work.\***

**Choices**

Biology  
Chemistry  
Earth and Environmental sciences  
Space sciences  
Physics  
Other (describe below)

**Please describe "Other," if selected.**

*Character Limit: 250*

### *Formal Sciences Additional Questions (if applicable)*

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**Please select the sub-categories of formal science that describe your work.\***

**Choices**

Computer science  
Mathematics  
Statistics  
Other (describe below)

**Please describe "Other," if selected.**

*Character Limit: 250*

### *Engineering Additional Questions (if applicable)*

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**Please select the sub-categories of engineering that describe your work.\***

**Choices**

Mechanical Engineering  
Civil Engineering  
Chemical Engineering  
Biomedical Engineering  
Electrical Engineering  
Other (describe below)

*Note: All applications must be submitted via [our online application form](#) to be considered.*

**Please describe "Other," if selected.**

*Character Limit: 250*

## *Medicine Additional Questions*

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**What is your primary branch of medicine?\***

*Character Limit: 250*

## *Other Additional Questions (if applicable)*

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**Please enter other discipline.**

*Character Limit: 250*

## *Engagement with National Academies and Related Organizations*

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**Which program division at the National Academies most closely aligns with your own work?\***

[Learn more](#) about each division.

### **Choices**

Division of Behavioral and Social Sciences and Education  
Division on Earth and Life Studies  
Division on Engineering and Physical Sciences  
Gulf Research Program  
Health and Medicine Division  
Policy and Global Affairs Division  
Transportation Research Board

**What type(s) of previous engagement have you had with related programs?  
(Check all that apply)\***

### **Choices**

AAAS Science and Technology Policy Fellowship  
Mirzayan Science and Technology Policy Fellowship  
U.S.-African Frontiers Program  
Arab-American Frontiers Program  
Participation in another program or activity of the National Academies  
Other (specify in description below)  
N/A

**Please share details of the previous participation indicated above.**

*Character Limit: 2000*

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## *Essay Responses*

Please answer the questions below to help the selection panel understand your goals in applying for the program and how you fulfill the selection criteria outlined on the *For Applicants* page of our website. Answers should be no longer than 300 words. Use <https://wordcounter.net/> to confirm.

### **Question 1: Reason for Applying and Contribution to Goals\***

Why do you want to become a New Voices member and how would you like to contribute to the success of the group in achieving the stated program goals? (300 words max)

As a reminder, the program goals are to:

- Develop the capacity of early- and mid-career leaders to serve their community and impact science policy discussions;
- Connect a broad network of young U.S. leaders in the sciences, engineering, and medicine to combat public distrust by bringing science communication activities to new communities;
- Promote international collaboration by maintaining a presence of U.S. young leaders at major international and domestic conferences;
- Bring new ideas to policy advice-making discussions through working group activities and biannual workshops; and
- Diversify the National Academies' policy advice-making work by engaging members to make committee nominations, join a database of experts, and serve as liaisons to program units where requested.

*Character Limit: 2000*

### **Question 2: Service Leadership Experience and Lessons Learned\***

Describe a time when you demonstrated service leadership through activities such as teamwork, mentoring, group communication, and/or community building within the sciences, engineering, medicine, or related fields. What did you learn from that experience? (300 words max)

*Character Limit: 2000*

### **Question 3: Service Beyond Immediate Discipline\***

Throughout your career, how have you demonstrated commitment to service beyond your immediate discipline and institution, including engagement of your local or global community? (300 words max)

*Character Limit: 2000*

*Note: All applications must be submitted via [our online application form](#) to be considered.*

## Supporting Documents

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Please upload the supporting documents required to complete your application.

### Short CV\*

Please upload a CV (maximum 2 pages, PDF)

*File Size Limit: 10 MB*

### Notable accomplishments\*

Please upload a description of notable professional accomplishments, including links or attachments of two recent products relevant to your field (e.g., publications, recognitions, patents, exhibitions, etc.). (maximum 1 page, PDF)

*File Size Limit: 10 MB*

## Letters of Recommendation

Please upload two letters of recommendation, which demonstrate how you fulfill the stated selection criteria. (maximum 2 pages per letter, PDF)

### Letter of Recommendation #1\*

Enter Recommender's Name and Organizational Affiliation:

*Character Limit: 250 | File Size Limit: 10 MB*

### Letter of Recommendation #2\*

Enter Recommender's Name and Organizational Affiliation:

*Character Limit: 250 | File Size Limit: 10 MB*

## Wrap-up and Confirmations of Understanding

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### Recruitment Pathway:\*

How did you hear about the New Voices program?

#### Choices

- Direct recruitment email
- Social Media
- Current New Voices member or alum
- Professional association or group
- Staff or Member of the National Academies
- Global Young Academy
- By searching for opportunities
- Other (Specify)

**If selected, please explain "other," or list the social media platform below:**

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## *Participation Expectations*

Service as a New Voices cohort member requires active participation on an ongoing basis throughout the two-year tenure. Minimum participation typically requires between 4-6 hours monthly and must be balanced alongside commitments to your primary position/institution. Please confirm your understanding of the level of commitment required by checking the boxes below.

If selected to become a New Voices member, I agree to:

- Attend meetings in person in Washington, DC at least two (2) times during each calendar year to further progress on the group's initiatives;
- Attend monthly cohort meetings held via Zoom;
- Participate actively in working group and project committee activities, including regular participation in virtual planning meetings;
- Serve as an active participant, a Co-Chair, or in other leadership or contributing roles to support cohort development;
- Respond to ad-hoc invitations for special projects and activities;
- Maintain regular contact with program staff including reading monthly cohort update emails and completing quarterly reporting forms;
- Complete all requirements to transition to alumni status, including submission of a written summary of my participation.

**Do you agree to the seven listed expectations above?\***

### **Choices**

Yes, I agree to each of these.

No, I cannot agree.

### **In-person orientation\***

Are you able to attend the required in-person orientation in Washington, DC anticipated to be held on **January 29 – 31, 2024**?

### **Choices**

Yes

No

### **Global Young Academy Meeting Hosted by New Voices\***

New Voices will be hosting the 2024 Annual Meeting for the Global Young Academy, and attendance is required for all new cohort members. Are you able to attend the in-person convening alongside the Global Young Academy conference in Washington, DC anticipated to be held on **May 6 – 9, 2024**?

*Note: All applications must be submitted via [our online application form](#) to be considered.*

**Choices**

Yes

No

**If no selected for any above, please explain.**

*Character Limit: 2000*

**Supplementary funding:\***

Travel costs and per diem for New Voices members to attend in-person program meetings twice annually are typically covered by the program. However, we welcome our members to cost-share their travel expenses with their primary institution where possible in order to maximize budgetary resources for member attendance at other domestic and international forums throughout the year.

If selected, do you anticipate that your institution would be able to cost-share travel expenses where possible (i.e., covering airfare or a portion of other travel expenses through existing professional funds)?

*Note: The answer to this question will not affect the selection process.*

**Choices**

Yes

No

**Certification:\***

By submitting this application, I certify that the enclosed information was prepared by me and is true and correct to the best of my knowledge.

Please use textbox to sign your name.

*Character Limit: 100*