

**Report of the US National Academy of Sciences  
2020 IANAS-Women for Sciences (WfS)**

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<b>Information for IANAS</b>			
	<b>2017</b>	<b>2018</b>	<b>2019</b>
<b>1. Total ACTIVE members in your society</b>	2290	2312	2347
<b>1a. How many are women?</b>	367	388	422
<b>1. Total EMERITUS members in your society</b>	66	70	72
<b>1a. How many are women?</b>	4	4	6
<b>1. Total INTERNATIONAL members in your society</b>	475	484	487
<b>1a. How many are women?</b>	59	61	63
<b>2. Number of men in leadership roles</b>			
<b>2a. President</b>	0	0	0
<b>2b. Executive governing board</b>	6	5	6
<b>3. Number of women in leadership roles</b>			
<b>3a. President</b>	1	1	1
<b>3b. Executive governing board (does not include president)</b>	10	11	10

**Process to improve the number of gender (women), age (younger), and ethnicity- Hispanic, Asian and African American**

Two changes were applied 1-an increase in the number of new members to be elected (72 to 120 at present).and 2-increase the formation of class-based Temporary Nominating Groups (TNG) nominated by the NAS council

In the last election cycle - 40% of the newly elected members were female.  
This is significant 10% in 2011 -> 40% in 2019

## **Impact of TNGs on election of women**

### **40 women were elected in 2019.**

Class I: 7 women (4 nominated by TNG)	3 through standard procedure
Class II: 11 women (4 nominated by TNG)	7 through standard procedure
Class III: 4 women (3 nominated by TNG)	1 through standard procedure
Class IV: 5 women (4 nominated by TNG)	1 through standard procedure
Class V: 6 women (4 nominated by TNG)	2 through standard procedure
Class VI: 7 women (6 nominated by TNG)	1 through standard procedure

*62% (25/40) of the elected women members originate from the TNGs while only 37% (15/40) of the women members elected originate through the usual pathway*

## MEETINGS

March 13, 2020 Science, Sex, and Gender: Women's History Month

March 19 2020 Symposium on Addressing the Underrepresentation of Women in STEMM

## REPORTS <https://www.nap.edu/new/>

2020 Promising Practices for Addressing the Underrepresentation of Women in Science, Engineering, and Medicine  
Opening doors

<https://www.nap.edu/catalog/25585/promising-practices-for-addressingthe-underrepresentation-of-women-in-science-engineering-and-medicine>

2019 The Science of Effective Mentorship in STEMM

<https://www.nationalacademies.org/our-work/the-science-ofeffective-mentoring-in-stemm>

2018 Sexual Harassment of Women Climate, Culture, and Consequences in Academic Sciences, Engineering, and Medicine <https://www.nap.edu/catalog/24994/sexual-harassment-of-womenclimate-culture-and-consequences-in-academic>

2018 Graduate STEM Education for the 21st Century

<https://www.nap.edu/search/?term=Graduate+STEM+Education+for+the+21st+Century+%282018%29&x=0&y=0>