

Section II: Board of Director Nominee Information

***Full Name (Last, First)**

Black, Iona

***Brief (200 words or less) biography of nominee that will be included in the Ballot mailed or emailed to each General Member. Include information related to affiliation with AISES and what the nominee will bring to the Board of Directors.**

AISES is very dear to my heart giving me personal, professional, and community growth and success. Dr. Black has been a member of AISES for several years and a past Board member. She is a Physical Chemist with research involving anti-cancer/antiviral compounds, contaminated water, indigenous medicine, Chemistry Education, and acceptance and retention of Native American and other underrepresented students. She achieved a Ph.D. and M.S. degree in Physical Chemistry from Duquesne University, and a M.Ed. degree from Boston University. She has been faculty at Yale University Chemistry Department, Yale University Medical School SMDEP, and James Madison University. Her commitment to AISES and the native community has been through mentoring, fostering education and retention in STEM disciplines, and as a member of the AISES Professional of the Year Committee, Education Committee, Academic Advisory Committee, and two prior terms on the AISES Board. She is also the past Secretary of the AISES Publishing Inc. (API) Board. She is the tribal stakeholder member of the Interstate Technology Regulatory Council on four past and two current teams. She was awarded the ITRC Stakeholder of the Year 2015 Award. She has served on various Boards and National and International selection committees.

Please Answer the Following Questions

- 1. Why would you like to serve on the American Indian Science and Engineering Society (AISES) Board of Directors? (150 words or less)**

I believe in the mission and the way that the mission is and has been implemented. Giving back through the knowledge, expertise, and expectation fulfillment for what I have been given is key. My professional and personal life has been enhanced and I want to do the same for others through AISES. I bring educational experience, research experience, and mentorship experience to Native American and other underrepresented minorities. I also bring additional Board experience as a former AISES Board member, American Chemical Society SOCED Board member, and the American Chemical Society Division of Chemical Education program co-chair. I also bring fundraising experience from the Malta Foundation Conferences for Peace.

2. What is your past experience/association with the AISES organization? (150 words or less)

Former judge science fair at National Conference; Member of the Professional of the Year selection committee; Member of Education Committee; Member of the Academic Advisory Committee; Mentor to Native American students; Secretary of API Board.

The AISES Board of Directors has determined that there are key skill sets needed to fulfill AISES' strategic goals. The questions below specifically address the needed skills, knowledge and experience.

3. Please elaborate on your fundraising and major gifts cultivation experience. (150 words or less)

I have experience with grant writing and panel review of grants with both NSF, NIH, and corporate, Boehringer Ingelheim Inc. funding of a STEM retention and success initiative at Yale University. I also have experience fundraising for other endeavors with non-profits, such as, Rotary International, Malta Foundation Conferences, and various smaller non-profits.

4. Given the strategic goal of increasing value to all members, what skills and resources can you provide toward the success of this strategic initiative? List experience with program development, target populations and outcomes. (150 words or less)

I bring professional organization involvement through various lenses, that is, STEM and volunteerism. This is best reflected by the receipt of Rotary International's Service Above Self Award, and board involvement in scientific and non-scientific endeavors. My passion is the advancement of STEM through the pipeline and the utilization of traditional expertise and knowledge to help with current and future projected in health and the environment. I refined and implemented the Science, Technology and Research Scholars (STARS) Program at Yale University for underrepresented students in the sciences as a faculty member and Director of the program. I am also assisting James Madison University with their initiative to retain Native American and underrepresented students in Chemistry and Biology. Additional involvement and recognition of the achievements of Native people is also a passion.

5. **Elaborate on your prior experience serving on non-profit Boards. Specify your understanding of the associated fiduciary responsibilities required of Board members. (150 words or less)**

I have served on the following non-profit boards: American Chemical Society - Society for Education (SOCED) Board; Malta Foundation Board (Secretary); AISES Publishing Board (Secretary). My understanding of the fiduciary responsibilities are: to not receive any salary; manage AISES affairs; determine, review and evaluate Executive Director's demonstrated fundraising abilities.

6. **Have you visited the AISES website to view the AISES Board of Directors Roles, Responsibilities, Agreement, and Member Requirements at the following?**

<http://www.aises.org/about/board>

AISES Code of Conduct document at the following?

<http://www.aises.org/about/board>

☒ Yes
☐ No

Section III: Two (2) Endorsements of Nominee (Required)

Endorsement #1

*Full Name (Last, First) Bellcourt, Mark	*Phone	*Email
*Endorsement Date 5/4/16	*Endorsement Method, explain (in person, by phone, by email, by postal mail, other) email	

Statement of Endorsement (Optional) (this will most likely be copied email text from the person making the endorsement to the person submitting this nomination form) **(150 words or less)**

Dr. Iona Black has a long history with AISES as a general member, former board of directors and secretary of API, professional awards committee and college chapter advisor. I have known her for more than ten years. During that time, I have discovered that above her academic and research accomplishments, she constantly demonstrates her commitment to improve the learning environment for students. She is a very demanding instructor. However, she always makes time to mentor students while helping them to learn chemistry. She speaks fondly of her grandmother's stories and is very proud of her heritage. She is the tribal stakeholder on Interstate Technology Regulatory Council on four past and two current teams and was awarded the Stakeholder of the Year 2015 Award for her work on the Characterization and Remediation in Fractured Rock Team. I think she would be a great asset to the AISES BOD!

Endorsement #2

*Full Name (Last, First)
Mary Jo Ondrechen

*Phone

*Email

*Endorsement Date
May 14, 2016

*Endorsement Method, explain *(in person, by phone, by email, by postal mail, other)*
e-mail

Statement of Endorsement (Optional) *(this will most likely be copied email text from the person making the endorsement to the person submitting this nomination form)* **(150 words or less)**

Dr. Iona Black is a nationally-recognized champion for diversity in Science, Technology, Engineering, and Math (STEM). She has mentored, supported, and encouraged dozens of our youth. Dr. Black has served AISES ably and selflessly. She has volunteered her time to multiple AISES efforts, including the AISES Professional of the Year Committee, Education Committee, Academic Advisory Council, AISES Publishing, and two prior terms on the AISES Board of Directors. She has a successful, stellar track record of commitment to education, STEM outreach, Native advancement, and Indian values.

Additional Endorsements (Optional)

Endorsement #3

*Full Name (Last, First)
Brown, Lawrence

*Phone

*Email

*Endorsement Date
June 13, 2016

*Endorsement Method, explain *(in person, by phone, by email, by postal mail, other)*
email

Statement of Endorsement (Optional) *(this will most likely be copied email text from the person making the endorsement to the person submitting this nomination form)* **(150 words or less)**

As a three decade AISES Sequoyah Fellow and General Member, I am providing my endorsement of Dr. Iona Black for the AISES Board of Directors. I have known Dr. Black for many years and have direct experience working with her on the annual AISES Professional Awards when she served on national Selection Committee a few times. She has demonstrated her commitment to AISES and other STEM diversity organization with experience on Board of Directors, mentoring STEM students, and serving on Education committees. I highly recommend Dr. Iona Black for a current opening/position on the AISES Board of Directors.

Endorsement #4

***Full Name (Last, First)**
Watson, Marlene

***Phone**

***Email**

***Endorsement Date**
6/7/2016

***Endorsement Method, explain** *(in person, by phone, by email, by postal mail, other)*
Email

Statement of Endorsement (Optional) *(this will most likely be copied email text from the person making the endorsement to the person submitting this nomination form)* **(150 words or less)**

I am honored to endorse Iona Black as an AISES Board of Director. Iona is a person of utmost integrity and has utilized her diverse expertise in promoting opportunities in the STEM fields through committees and councils. I have served on the Board of AISES for two terms with Iona. I have admired her calm demeanor, thoughtful insights on issues and her honesty. I believe she will whole heartily represent and advocate for the membership of AISES to move forward in fulfilling the mission of AISES. She was awarded the Stakeholder of the Year 2015 Award for her work on the Characterization and Remediation in Fractured Rock Team. This is expletory of her dedication and scholarship in her field. Iona has proven commitment to AISES in her leadership while serving on the AISES Professional of the Year Committee, Education Committee, and Academic Advisory Committee. She is an excellent candidate.