

APPLICATION FOR POSITION AS MEMBER OF ISOFAR BOARD OF DIRECTORS 2020

Name: Jessica Shade **E-mail:** jshade@organic-center.org **Cell phone no:** +1 (202) 304-7386
Gender: Female **Age:** 38
Geographical location: United States of America **Employer:** The Organic Center

Relationship to research in organic agriculture:

As the Director of Science Programs for The Organic Center, I lead research and communication programs in three areas: Applied research, which aims to provide farmers with on-farm solutions to large-scale challenges, Environmental health, and Human Health. Therefore, I have experience in a wide variety of organic issues, and collaborate with a multitude of academic and government researchers to fill in knowledge gaps with research about organic. I have worked on numerous projects including research to find organic solutions for citrus greening, analysis of pathogens in manure on organic farms, investigations on organic contributions to reactive nitrogen in the environment, an analysis of soil health on organic farms, and a biodiversity calculator to allow growers to manage on-farm biodiversity for maximum ecosystem services. I serve as an expert on a number of advisory boards and committees, such as the Midwestern Organic and Sustainable Education Service Research Forum Committee, the Sustainable Agriculture and Food Systems Funders Policy Briefing Committee, and the Building Diversity in Science Board of Directors. I have given scientific talks about The Organic Center's research projects at universities, farmer conferences and policy meetings around the world. My most recent presentation was an invited talk at the United Nations Headquarters in the United States (U.S.) at their Forum on Sustainable Agricultural Development, to discuss the role that organic agriculture plays in the development of global sustainability goals.

List of five (5) peer-reviewed or other relevant publications:

- Ghabbour, E.A., J. Shade, T. Misiewicz, R.A. Alami, E.M. Askounis, N.P. Cuzzo, A.J. Filice, J.M. Haskell, A.K. Moy, A.C. Roach, and G. Davies. National comparison of the total and sequestered organic matter contents of conventional and organic farm soils. Accepted. *Advances in Agronomy*.
- Misiewicz, T., J. Shade, D. Crowder, K. Delate, A. Sciligo, E. Silva. Increasing Agricultural Sustainability Through Organic Farming: Outcomes from the 2016 Organic Confluences Summit. 2017. <http://bit.ly/2sp8wOX>
- Rahmann, G., M. Reza Ardakani, P. Bärberi, H. Boehm, S. Canali, M. Chander, W. David, L. Dengel, J. W. Erisman, A. C. Galvis-Martinez, U. Hamm, J. Kahl, U. Köpke, S. Kühne, S. B. Lee, A.-K. Løes, J. H. Moos, D. Neuhofer, J. T. Nuutila, V. Olowe, R. Oppermann, E. Rembialkowska, J. Riddle, I. A. Rasmussen, J. Shade, S. M. Sohn, M. Tadesse, S. Tashi, A. Thatcher, N. Uddin, P. von Fragstein und Niemsdorff, A. Wibe, M. Wivstad, W. Wenliang, and R. Zanoli. 2016. Organic Agriculture 3.0 is innovation with research. *Organic Agriculture*:1-29.
- Misiewicz, T., J. Shade. Organic Food and Farming as a Tool to Combat Antibiotic Resistance and Protect Public Health. 2016. <http://bit.ly/2avPFbV>
- Majidi, Ariel; Shade, Jessica; Leach, Allison and Galloway, James. 2014. Farming Practice Effects On Nitrogen Footprints. In: Rahmann, G. and Aksoy, U. (Eds.) *Building Organic Bridges*, Johann Heinrich von Thünen-Institut, Braunschweig, Germany, 4, Thuenen Report, no. 20, pp. 1131-1134

My reasons to join the ISOFAR Board of Directors:

I would like to continue my tenure on the ISOFAR Board of directors because it is a perfect combination of my interests and skills. I am passionate about the ISOFAR mission of promoting and supporting research in organic agriculture by facilitating global co-operation in research, methods, education and knowledge exchange, while incorporating stakeholders into the research process. To this end, I develop collaborations with researchers from around the country, and work with a wide variety of stakeholders to both conduct and communicate organic research. To successfully meet the challenges faced by organic producers, research goals and objectives must be initiated by stakeholder needs, maintain participant engagement, and be creatively communicated to a wide audience. I use

traditional tools such as stakeholder meetings, farmer advisory boards, participatory research, and farmer-led field days to build a strong scaffolding for the adoption of new research findings, and I combine those tools with new information-sharing technologies and creative strategies such as citizen science, social media, innovative technology, tactile exercises, artistic channels, and storytelling to improve research questions, amplify innovation, and extend dissemination. I am committed to supporting organic researchers, and believe that they can be best served by the ISOFAR organization through ISOFAR's membership amenities, publications and events, so joining the ISOFAR board would help me grow my ability to achieve these goals.

I am also interested in continuing on the ISOFAR Board of Directors, because I believe that the U.S. would benefit from increased international engagement and cross-collaborations in organic research. Being a part of the Board would allow me to expand the knowledge transfer between the U.S. and other countries, and bring a global perspective to the research agenda in interests of organic scientists within North America. My position on the ISOFAR Board of Directors helps instigate increased cross-continent exchanges, and engage the U.S. in more global conversations and partnerships.

My possible contributions to Board activities:

As and ISOFAR Board Member, I will continue to contribute by working to advance organic and ISOFAR values, engage with international ISOFAR events, bring knowledge from the U.S. to the international community, incorporate research from the U.S. into the international organic research agenda, and increase ISOFAR membership throughout North America.

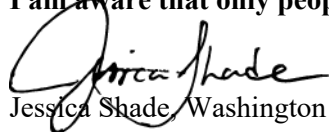
Specifically, I will continue to advance ISOFAR values by engaging with ISOFAR members to enhance world-wide cooperation among researchers, and encourage stakeholders from the U.S. to participate in the ISOFAR community and events. In this way I will expand the exchange of knowledge and ideas among ISOFAR members and the global research community.

Additionally, I will ensure that organic research, ideas, and priorities from the U.S. are aligned with ISOFAR, increasing partnerships and knowledge transfer with U.S. organic stakeholders. I will share information that is developed by ISOFAR members with the U.S. public, utilizing the Organic Center's extensive network to communicate ISOFAR materials beyond the current ISOFAR membership. This will have the added benefit of educating researchers in the U.S. about the benefits of ISOFAR membership, which I will leverage to increase ISOFAR membership. The Organic Center has an extensive Science Advisory Board, with over 35 members from predominantly North America, and over 40,000 followers on social media. These board members are from academic and governmental research institutions and they provide The Center with guidance on matters related to their specific areas of expertise. I meet regularly with this board, which keeps me up to date with current research being conducted on organic issues in North America, and is also the perfect vehicle to inform North American scientists about international research of ISOFAR members, and encourage them to join ISOFAR.

I am member of ISOFAR since 2015, and I have paid my ISOFAR membership for 2020.

By submitting this application, I declare my interest to participate the ISOFAR Board of Directors during the period from the GA in France until the next GA, in 2023.

I am aware that only people physically present at the GA may be elected.



Jessica Shade, Washington DC, U.S.A, 28th of January, 2020

Return form to isofar@thuenen.de