



132nd Annual Academy Meeting

March 25, 2017

FEATURING: Dr. Rob Shumaker-
Luncheon Speaker

Rob is an evolutionary biologist who specializes in the study of behavior and cognition. He has worked in the AZA (Association of Zoos and Aquariums) community for over 30 years. Born and raised in the Washington D. C. metropolitan area, he started his career at the Smithsonian National Zoo as a volunteer animal keeper. During his 20 year tenure there, Dr. Shumaker worked as an animal keeper, curator, biologist, exhibit designer, and scientist. He spent several years at the Great Ape Trust in Des Moines, Iowa as the senior scientist supervising all research with orangutans. In 2010 he moved to the Indianapolis Zoo and currently serves as the Executive Vice President and Zoo Director.



Dr. Shumaker has been a faculty member at George Mason University and Drake University, and an affiliate faculty member at Iowa State University. Currently, he is an external research associate at the Krasnow Institute, and an adjunct professor at Indiana University.

Dr. Shumaker has authored or co-authored numerous scientific publications, books, and articles for the popular press. His most recent book is *Animal Tool Behavior: The use and manufacture of tools by animals*, published by the Johns Hopkins Press. The revised and updated edition of *Orangutans*, originally published in 2007, was released in 2013. His work has been featured in such media outlets as National Geographic, NPR, the Discovery Channel, Animal Planet, PBS, Time magazine, and the BBC.

Dr. Shumaker serves on the science advisory board of the Balikpapan Orangutan Society (BOS) which is based in Indonesia, in the same capacity for BOS Canada in Toronto, and as a board member of the Orangutan Conservancy, based in the United States. He is internationally recognized as an expert on orangutan behavior and cognition.

The **132nd Annual Academy Meeting** will take place at the **J.W. Marriott Hotel** in downtown Indianapolis, Indiana on Saturday, **March 25, 2017** (8:30 a.m. - 6:00 p.m.).

The Annual Academy Meeting brings together national scientists and Indiana scientists from industry and academia, science educators, and science graduate and undergraduate students from all over the state of Indiana and the Midwest, to share some of this country's latest developments in scientific research and science education.

Scientific presentations in the form of research papers, posters, workshops and hot topics will be presented in the fields of anthropology, engineering, physics, microbiology, science education, chemistry, zoology, earth science, environmental science, astronomy, botany, cell biology, molecular biology, plant systematics and biodiversity, and more.



Join over 400 Indiana scientists, science educators and science students. Regardless of your role in today's science, your participation in the 132nd Annual Academy Meeting will be a rewarding. Register now at <http://www.indianaacademyofscience.org>.



Papers/Posters/Workshops and Hot Topic Abstracts are being accepted for the 132nd Annual Academy Meeting, December 1, 2016 through February 13, 2017.

Instructions, requirements, and upload information can be found now at <http://www.indianaacademyofscience.org> beginning December 1, 2016. Meeting registration is required first, in order to upload an abstract.

The Indiana Academy of Science encourages presentations from field scientists, academic scientists, industry scientists, science educators, graduate science students, and undergraduate science students. Abstract titles and authors names will be published in the Program Book for the 132nd Annual Academy Meeting. The Section Chair is the point of contact for potential presenters who would like to discuss their abstract before submitting. The names and contact information for Section Leadership can be found at the Academy website.