



Wayne Carmichael

**TUESDAY,  
APRIL 10, 2018**

**GANDHI  
AUDITORIUM of  
WHITE HALL  
WRIGHT STATE UNIVERSITY**

**5:00 PM RECEPTION  
LOBBY of WHITE HALL**

**6:00 PM LECTURE  
FREE PARKING IN LOTS  
14, 16, 17**

**FREE AND OPEN  
TO THE PUBLIC**

## **Sponsors**

Environmental Sciences  
PhD Program

Department of Biological  
Sciences

Department of Physics

The Graduate School

Pi Epsilon, the  
Environmental Sciences  
Honor Society



**WRIGHT STATE  
UNIVERSITY**

Call 937-775-3273  
for more information

# **Wright State University presents The Wayne Carmichael Lecture In Environmental Sciences**

## **DR. BRANDIE SMITH**

**Associate Director for  
Animal Care Sciences at  
the Smithsonian's  
National Zoo & Conserva-  
tion Biology Institute**



Dr. Smith will present:

**“Zoos as applied conservation powerhouses: from  
behind the scenes to the international spotlight”**

**BIOGRAPHY** Brandie Smith oversees the care and management of the ~ 4,000 animals at the Smithsonian's National Zoo, including the Zoo's collection of giant pandas, great cats, and reptiles, as well as the Zoo's Nutrition, Veterinary, and Pathology departments. Smith is a member of the Association of Zoos and Aquariums (AZA) Accreditation Commission and Small Population Management Advisory Group as well as the IUCN Conservation Planning Specialist Group (CPSG).

Smith joined the Smithsonian's National Zoo's animal care staff in 2008. She came to the zoo after 10 years at the AZA, where she was Vice President of Animal Conservation, and responsible for facilitating, promoting, and supporting the cooperative conservation and scientific activities of AZA's more than 200 member institutions and almost 1,000 animal pro-grams. Before that, she was a rhino keeper at the Dallas Zoo, a curatorial intern at the Smithsonian Conservation Biology Institute, and a behavioral research intern at the Pittsburgh Zoo. She has written many articles and book chapters on how zoos and aquariums can manage and conserve their animal collections.

Smith's research background is in population genetics. She received her doctoral degree from the University of Maryland, focusing her research on how to manage large groups of animals—those that live in herds, flocks, and tanks—where breeding pairs and even individuals are difficult to identify and control. Her hope is that her research will help increase sustainability of both zoo and wild populations.