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## Charles Henry Turner

To help us prepare for what we are about to study in our class, we are going to explore the work of Charles Henry Turner. Charles Henry Turner, born just two years after the end of the Civil War, made significant scientific and social advances during his life. For the majority of his career, Turner taught in St. Louis, Missouri at Sumner High School, the first African American high school established west of the Mississippi River. His research focused on animal behavior, particularly in insects, with influential contributions that included the first controlled study of color vision and pattern recognition in honeybees and the first example of Pavlovian conditioning in insects. Turner is believed to be the first African American to publish in the journal *Science* (in 1892) and to earn a Ph.D. from the University of Chicago (in 1907). In addition to his research, Turner developed social services for African Americans in St. Louis and was a local leader in the Civil Rights Movement.

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**About the Author**

My name is Brian Leavell. I am a Ph.D. candidate in Biological Sciences at Purdue University and am very interested in the sensory ecology and evolution of predator-prey interactions and animal communication. My current research focuses on the impacts of eavesdropping enemies (predators, parasitoids and parasites) on the communication systems of their prey/hosts. I was recently made aware of Turner's amazing life and foundational works in an excellent paper from Dr. Danielle Lee, which was recently published in *Animal Behaviour* ("Diversity and inclusion activism in animal behaviour and the ABS: a historical view from the U.S.A.").

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