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Fogler Library: STEAM in Horror Fiction

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STEAM in Horror Fiction

Date: March 23, 2023

Run Time: 00:02:11

This video slideshow explores aspects of science in works of horror and fiction. It was part of a display in Fogler Library October 17, 2022 through November 18, 2022. For more information on science resources and instruction at Fogler Library, the science reference librarians are here to help. This video contains no audio. View transcript for the text version of this video presentation.

The following is an unedited, machine generated transcript. Alternatively, you may wish to activate your web browser's live captioning function.

Begin Transcript

0:00

0:02

October Science in Horror: Weird science, pseudoscience and (occasionally) real science in classic spooky tales. Presented by: Fogler Library

0:09

Frankenstein by Mary Shelley (1818). The classic novel of mad scientists and monsters. Scary Science: Biochemistry, Medicine, Early understandings of anatomy

0:18

Dracula by Bram Stoker (1892). The classic novel of a Bloodthirsty Count! Scary Science: Phlebotomy, Scientific rationales for vampirism, Mesmerism

0:27

The Haunting of Hill House by Shirley Jackson (1959). An eerie novel of madness in a haunted house in New England. Scary Science: Psychic powers, Electromagnetic disturbances, Telekinesis

0:35

I Am Legend by Richard Matheson (1954). The horrifying novel of a vampiric post-apocalypse. Scary Science: Blood transfusions, Epidemiology, Pseudoscientific rationales for vampirism

0:44

Dr. Jekyll and Mr. Hyde by Robert Louis Stevenson (1886). The classic novel of alter egos and murder. Scary Science: Chemical transformation, Early psychology, Bioengineering through a Victorian lens

0:53

Mexican Gothic by Silvia Moreno-Garcia (2020). The horrific novel of a dark family and its secrets. Scary Science: Mycology, The science of microbiomes, Hallucinatory side effects

1:02

The Shining Girls by Lauren Beukes (2013). A creepy novel of murder, madness, and doorways through time. Scary Science: Time travel, Strange dimensions, Nonlinear cause and effect

1:11

The Day of the Triffids by John Wyndham (1951). A frightening novel of creepy plant life. Scary Science: Botany, Extraterrestrial life, Strange evolution

1:19

The Invisible Man by H. G. Wells (1897). A classic novel of hubris and science Gone Wrong. Scary Science: Chemistry, Optics, Psychology

1:28

White is for Witching by Helen Oyeyemi (2009). An unsettling novel with a haunted house, ghosts and family secrets. Scary Science: Psychology, Pica, Dietary science

1:37

Fledgling by Octavia Butler (2005). A chilling novel of science and vampires. Scary Science: Scientific rationales for vampirism, Strange biology, Phlebotomy

1:46

Cujo by Stephen King (1981). A shocking novel of unexpected danger. Scary Science: Epidemiology, Rabies, Veterinary medicine

1:55

Make it a book/film double creature! Need a spooky movie to pair with your book? Consider these classics that are free to watch/stream: Night of the Living Dead (1968) dir. George Romero, Horror Express (1972) dir. Eugenio Martin, Carnival of Souls (1962) dir. Herk Harvey. Find them at: Archive.org, Library Databases: Swank Digital Campus, Library Databases: Films on Demand

2:04

Meet Your Spooky Science Reference Librarians: Lindsay "Count" Decker-"la".

lindsay.decker@maine.edu. Chemistry, Communication Sciences & Disorders, Food Science & Nutrition, Molecular & Biomedical Sciences, Physics & Astronomy; Christopher "Are you afraid of the" Clark. christopher.clark@maine.edu. Animal & Veterinary Science, Biology & Ecology, Earth & Climate Sciences, Marine Sciences, Plant, Soil & Environmental Sciences, Wildlife, Fisheries & Conservation, Biology; Heather "Vam"-Perrone. heather.perrone@maine.edu. Computer & Information Sciences, Engineering, Engineering Technology, Forest Resources English

The University of Maine in Orono is the flagship campus of the University of Maine System, where efforts toward racial equity are ongoing, as is the commitment to facing a

complicated and not always just institutional history. The University recognizes that it is located on Marsh Island in the homeland of the Penobscot nation, where issues of water and its territorial rights, and encroachment upon sacred sites, are ongoing. Penobscot homeland is connected to the other Wabanaki Tribal Nations — the Passamaquoddy, Maliseet, and Micmac — through kinship, alliances, and diplomacy. The university also recognizes that the Penobscot Nation and the other Wabanaki Tribal Nations are distinct, sovereign, legal and political entities with their own powers of self-governance and self-determination.