

## Darwin Festival Videos

Videos freely available online:

[Darwin's Struggle: The Evolution of The Origin of Species](#) (59:06)

BBC Documentary first broadcast in 2009. After his voyage on the Beagle, including his famous visit to the Galapagos Islands, Charles Darwin settled at Down House with his family. This documentary tells the story of Darwin's painstaking work and struggles at Down House that ultimately led to the publication of his revolutionary work *On the Origin of Species*.

[NOVA: Nature's Fear Factor](#) (53:31)

Video premiered October 14, 2020. From PBS: "For animals in Mozambique's Gorongosa National Park, the normal balance of competition and predation was upended when a war wiped out the top predators. The remaining animals didn't simply grow in numbers—they began behaving in unusual ways, veering outside their typical territories and feeding patterns. Could it be that it's not just predators' kills that keep other populations in check, but also the fear they inspire? NOVA joins a team of scientists as they reintroduce wild dogs to Gorongosa to find out if restoring the park's "landscape of fear" can restore balance to an entire ecosystem."

[DNA Science - The Genetics of Cancer](#) (53:00)

Video from 2004 about "early days" in cancer genetics. From WorldCat: "Fourth in a five-part series. Tells the story of how researchers have developed radically new ways to treat cancer by tracing it back to its origins: its DNA. Focuses on two pioneering efforts: the race between Dr. Mary Claire King and Dr. Mark Skolnick, founder of Myriad Genetics to isolate the gene linked to breast cancer, and Dr. Brian Druker's work that eventually led to an anti-cancer drug which cures Chronic Myeloid Leukemia. Also looks at the work of David Botstein in discovering gene markers and Per Lonning, Botstein and partner Pat Brown who developed a micro-array technique to reveal differences between seemingly identical cancers."

[NOVA: Decoding COVID-19](#) (55:20)

Video first aired May 13, 2020. From PBS: "The coronavirus SARS-CoV-2 has upended life as we know it in a matter of mere months. But at the same time, an unprecedented global effort to understand and contain the virus—and find a treatment for the disease it causes—is underway. Join the doctors on the front lines of the fight against COVID-19 as they strategize to stop the spread, and meet the researchers racing to develop treatments and vaccines. Along the way, discover how this devastating disease emerged, what it does to the human body, and why it exploded into a pandemic."

### [Seed: The Untold Story \(95 minutes\)](#)

From Kanopy, the free streaming service offered to all SSU members through the library:

*Note: This film is available free to Salem State community members. To access the film for first-time Kanopy users, Click 'LOG IN' then 'Don't have an account yet? Get Started' and 'LOG IN TO SALEMSTATE' and finally, log in with your Salem State credentials.*

Individuals from outside the Salem State community can stream the film here: [https://www.collectiveeye.org/products/seed\\_watch\\_now](https://www.collectiveeye.org/products/seed_watch_now)

(there is a small fee to support the filmmakers to stream from this site. In the last century, 94% of our seed varieties have disappeared. A cadre of 10 agrichemical companies, including Syngenta, Bayer, and Monsanto, controls over two-thirds of the global seed market, reaping unprecedented profits. SEED: THE UNTOLD STORY follows passionate seed-keepers protecting our 12,000 year-old food legacy.

### Free Netflix Documentaries on YouTube:

#### [Our Planet: Coastal Seas \(~50:00\)](#)

From Netflix: "From fearsome sharks to lowly urchins, 90 percent of marine creatures live in coastal waters. Protecting these habitats is a battle humanity must win."

#### [Babies: Crawling \(~50:00\)](#)

From Netflix: "From nature to nurture, this docuseries explores the groundbreaking science that reveals how infants discover life during their very first year. In this episode: From how they grow to how they go, three scientists find out that crawling is much more than just a transitional phase."

#### [Babies: First Steps \(~50:00\)](#)

From Netflix: "From nature to nurture, this docuseries explores the groundbreaking science that reveals how infants discover life during their very first year. In this episode: Scientists venture into the ways that walking changes a baby's world and unveil findings on neonatal reflexes, skeletal development and talking."

#### [In the Mind of Plants \(75:00\)](#)

Video is from 2008. From Amazon: "Can plants perceive their environments? Can they feel the touch of a human hand or even pain? Do plants sleep or remember? The complexity of plant sensory systems is beginning to come to light in a series of astonishing scientific studies. Some scientists now believe plants have achieved an evolutionary sophistication that has surpassed even that of animals. Can a plant learn. Can it have a mind?"

[Sea of Life](#) (1 hr 28 min) [*students: ask your professor for the password*]  
Special (free) access provided by writer/director, young Canadian filmmaker  
Julia Barnes

From Sea of Life website: "Right now what's happening in the ocean is largely out of sight and out of mind. Sea of Life is about to change that. Filmed over three years in seven countries, Sea of Life dives into some of the most spectacular ecosystems on the planet, exposing both the destruction that's happening in the ocean and the efforts underway to stop it. Creating a world that's beautiful for all species will require the greatest heroes of our generation to rise up and tackle the biggest challenge the world has ever faced."

The following videos require subscription to a streaming service:

NETFLIX: [My Octopus Teacher](#) (1hr 25min)

A filmmaker's unusual friendship with an octopus living in a South African kelp forest, learning as the animal shares the mysteries of her world.

Hulu or Disney+ [Jane \(National Geographic documentary about Jane Goodall\)](#) (90 min)

Interesting and high quality documentary showing Jane Goodall's journey from secretary to famous primatologist, with lots of footage of her and the chimps.