

# Dr. Morgan Rehnberg

[morgan.rehnberg@gmail.com](mailto:morgan.rehnberg@gmail.com) | [MorganRehnberg.com](http://MorganRehnberg.com)

---

## Museum experience

### Fort Worth Museum of Science and History, 2017 – present

As **Chief Scientist** (2019 – present), I oversee development and presentation of the Museum's science content.

- **Supervise full-time, part-time, and volunteer staff** in planetarium and gallery facilitation departments.
- Co-led the development of a **7,000 sq-ft exhibition** celebrating the 50<sup>th</sup> anniversary of the Apollo Moon landings.

As **Director of Scientific Presentation** (2017 – 2019), I led initiatives to expand the Museum's science message.

- Created an innovative **machine learning**-based digital gallery guide to improve content delivery and accessibility.
- Scripted and co-produced a unique **full-length planetarium show** that combined scientific visualizations with illustrative cartoons and live presentation.
- Developed relationships with local community partners, such as high schools.

### Fiske Planetarium, 2013 – 2017

While a graduate student, I developed *Above & Beyond: Cosmic Conversations*, a show series about stories from the intersection of science and society. I used the program to **provide professional-development** opportunities in public speaking for early-career scientists across disciplines.

## Writing and editing experience

### SciShow, 2016 – present

I've written or edited **more than 60 scripts** for this critically-acclaimed series on YouTube, totaling more than **9 million views**. Each script requires smart, witty writing for a popular audience.

→ [Sample video 1](#) | [Sample video 2](#) | [Sample video 3](#)

### Crash Course, 2018

I edited **18 scripts** for *Crash Course Engineering*, produced by Complexly in collaboration with PBS Digital Studios. I improved each script's clarity and ensured it was at the right content level for our audience.

→ [Sample video 1](#) | [Sample video 2](#) | [Sample video 3](#)

### Space Exploration News, 2015

### Universe Today, 2014 – 2015

## Media experience

### Weekly Space Hangout, 2014 – present

I've appeared on **163 episodes** of this live popular-astronomy YouTube show and have co-hosted since 2017. Each week, we break down the latest news in astronomy and space exploration, interview guests, and answer audience questions.

### 365 Days of Astronomy podcast, 2012 – 2014

### TV/radio appearances in the DFW media market

## Other experience

### DPS Federal Relations Subcommittee, 2015 – 2017

I served on the Federal Relations Subcommittee for the American Astronomical Society's Division for Planetary Sciences. We worked to maintain positive connections between the scientific community and the federal government on **issues of policy and funding**.

## Education

### Ph.D., Astrophysics and Planetary Science, 2017, University of Colorado – Boulder

My dissertation, *Small Scale Structure in Saturn's Rings*, contained the highest-resolution study of the structure of Saturn's rings ever performed. I worked as part of **NASA's Cassini mission** under Dr. Larry Esposito.

### B.S., Physics, 2012, Beloit College