Your PRISE Universe, 2021

with Prof. Alyssa A. Goodman, Harvard Astronomy
What are your areas of study? (up to 3, can include name of your concentration, or just your field of interest—but not TOO specific, please)
This was so 2020…

Deconstructing the Radcliffe Wave (and the Milky Way)

What's the "Prediction" Project?

I LOVE Data Visualization, please tell me more?!

Who is Alyssa Goodman & why does she work on all these seemingly unrelated projects?

What kind of STEM/Data Science outreach can WorldWide Telescope enable?

What is the "Paper of the Future"?
What was I doing today?

storyboard(s) for videos to accompany:
Bialy et al. 2021 (in press ApJL)
& Zucker et al. 2021 (in prep for Nature)
brought to you in 2021 by an international team of scientists from Center for Astrophysics | Harvard & Smithsonian, Harvard Radcliffe Institute, University of Vienna, University of Wisconsin, Max-Planck Institute, Ludwig Maximilian University, and technology from ESA, NASA, NSF and Delightex.
AUGMENTED REALITY PROPOSED TO NSF 11-2020

THE PER-TAU SHELL: A GIANT STAR-FORMING SPHERICAL SHELL REVEALED BY 3D DUST OBSERVATIONS

Shmuel Bially1,2, Catherine Zucker1, Alyssa Goodman1,2, Michael M. Foley1, João Alves3,3, Vadim A. Semenov1, Robert Benjamin4, Remar Leike3,5, Torsten Enßlin1,6

BIALY ET AL. 2021
DEMO DATA AND AR TECHNOLOGY WILL APPEAR IN BIALY ET AL. 2021
It really does all fit together, I promise.
BROUGHT TO YOU BY

CENTER FOR ASTROPHYSICS

HARVARD & SMITHSONIAN

PRODUCER: ALYSSA GOODMAN
WRITER: NADIA WHITEHEAD
CONTRIBUTORS: CATHERINE ZUCKER, SHMUEL BIALY, MIKE FOLEY
ANIMATION: JASEN LUX CHAMBERS

MADE POSSIBLE BY... TECHNOLOGY FROM AND SUPPORT FROM AND COLLABORATORS AT
Last week…

→ Paris for the “Interstellar Institute”

→ Strasbourg for Augmented Reality