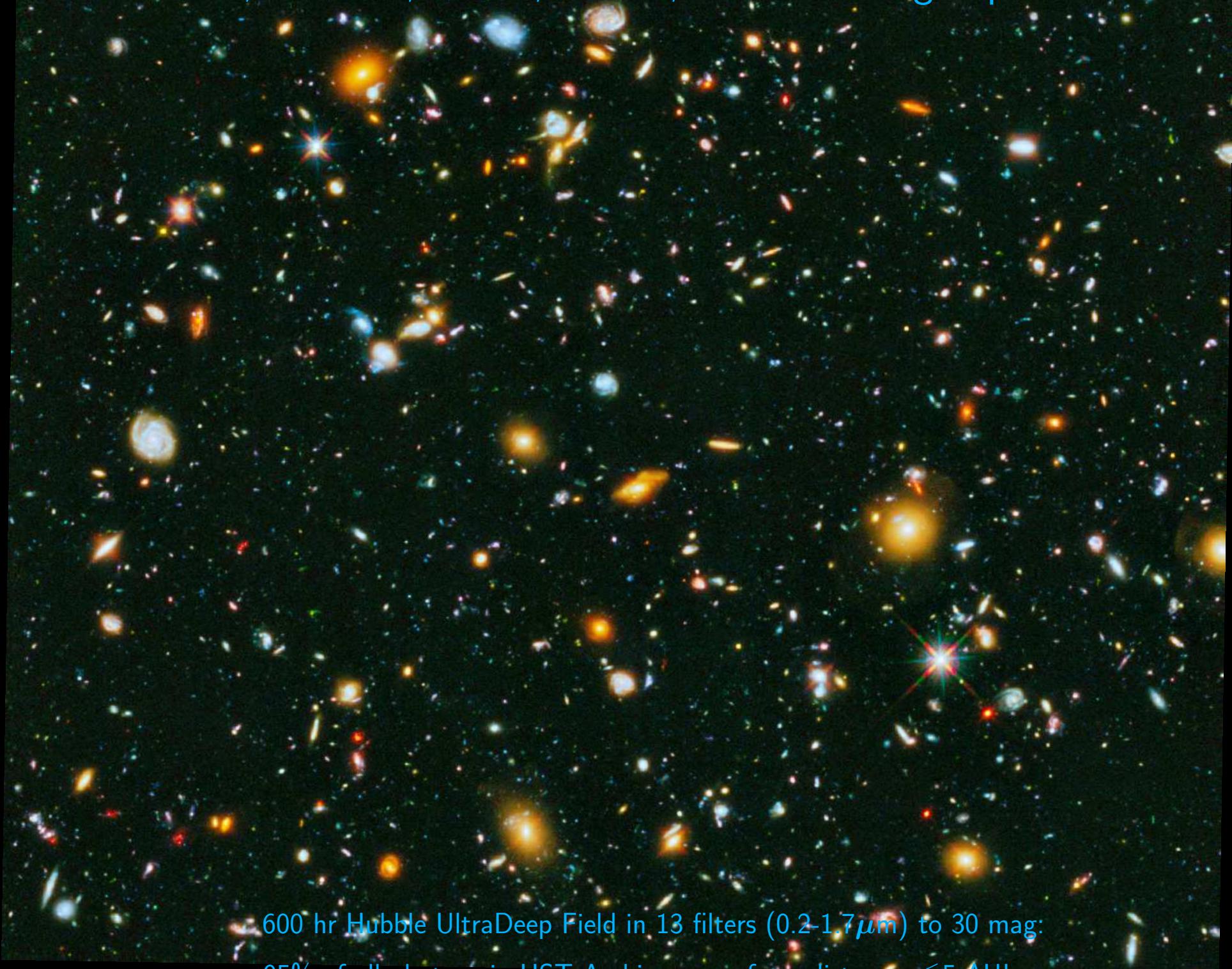


Windhorst, Carleton, Cohen, Jansen, +20 student group at ASU:



600 hr Hubble UltraDeep Field in 13 filters ($0.2\text{-}1.7\mu\text{m}$) to 30 mag:
~95% of all photons in HST Archive come from distances $\lesssim 5$ AU!

WFC3/UVIS:
F225W N= 539
F275W N= 1950
F300X N= 168
F336W N= 1718

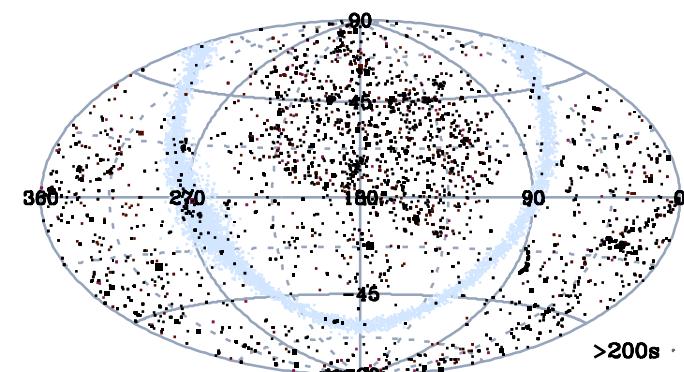
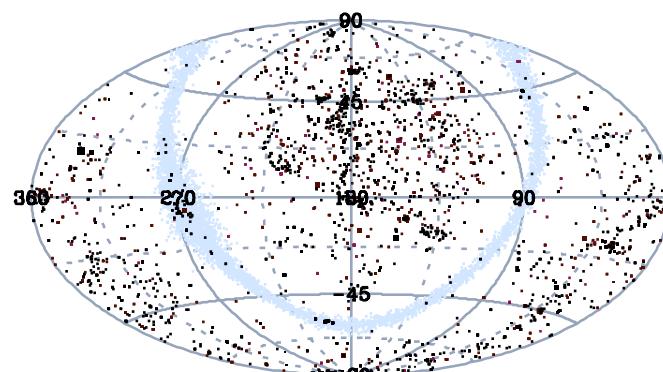
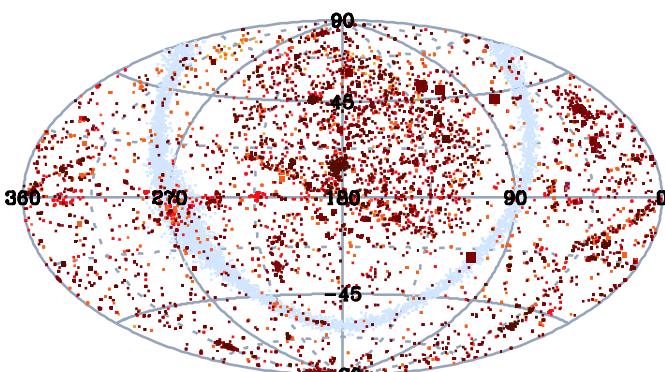
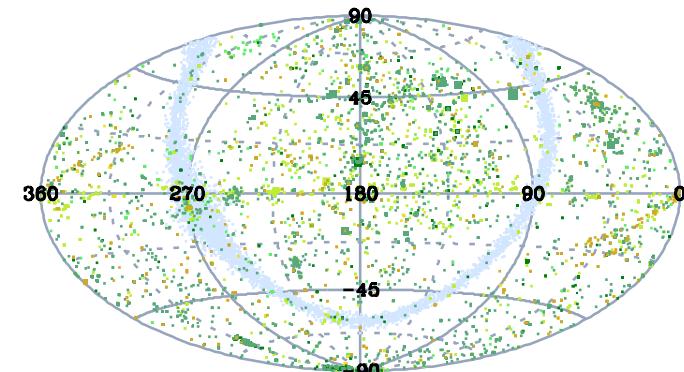
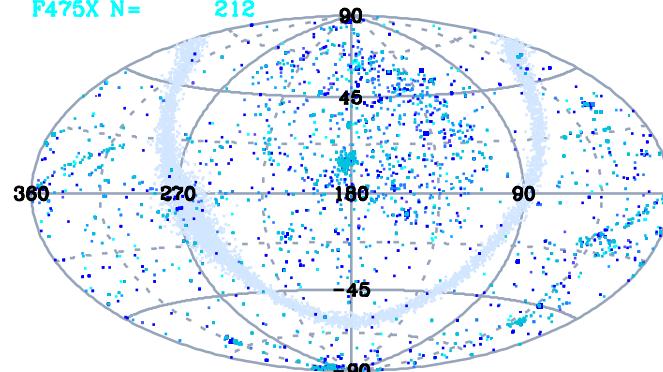
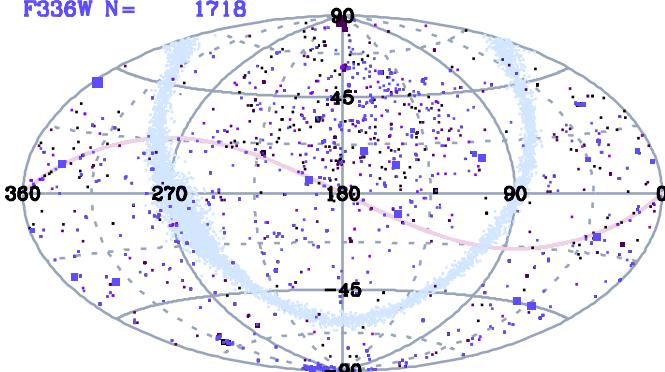
Celestial Equator
Galactic plane+bulge

WFC3/UVIS:
F390W N= 341
F438W N= 683
F475W N= 637
F475X N= 212

ACS/WFC:
F436W N= 2056
F475W N= 2296

WFC3/UVIS:
F555W N= 711
F606W N= 3590
F625W N= 293

ACS/WFC:
F565W N= 1114
F606W N= 5909
F625W N= 945



WFC3/UVIS:
F775W N= 281
F814W N= 3371
F850LP N= 112

ACS/WFC:
F775W N= 6525
F814W N= 9968
F850LP N= 3501

WFC3/IR:
F098M N= 721
F105W N= 2196
F110W N= 3726

WFC3/IR:
F125W N= 3270
F140W N= 2266
F160W N= 8357

>200s ·
>3600s ·
>7200s ·
>10800s ·
>14400s ·

Windhorst, Carleton, Cohen, Jansen, 20 students study 26-yr HST Archive for:

- Panchromatic Zodiacal Belt, Kuiper Belt, Oort Cloud brightness;
- Galactic Structure, Nearby and Distant Galaxies;
- Galaxy Formation, Clusters and Cosmology.

If interested, join: <https://asu.zoom.us/j/797858294> Fridays 1:30–3:30 pm MST.