# University of Texas High-Resolution X-ray CT Facility Archive

**Kirk:**

**teethF**: Scan of four teeth/jaw fragments (TXVP 41672-300, UW 14167, UW 14166 and UW 18241) for Chris Kirk of UT Anthropology. Specimens scanned by Jessie Maisano 27 October 2021. See key for IDs.

scan parameters: Zeiss. Flat panel, 80kV, 10W, 0.08s acquisition time, 5 samples per view, detector 212.420 mm, source -22.366 mm, XYZ [-853, -24718, -1055], camera bin 1, angles ±180, 2401 views, LE3 filter, dithering, multi reference. Reconstructed with center shift -2.294, beam hardening 0.25, theta 0, byte scaling [-0.002, 0.026], binning 1, recon filter smooth (kernel size = 0.7). Total slices = 1501.

**teethF**: Xradia recipe with scan parameters.

**16bit:** 16bit TIFF images reconstructed by Xradia Reconstructor. Voxels are 7.13 microns.

**8bitjpg:** 8bit jpg version of the reconstructed images.