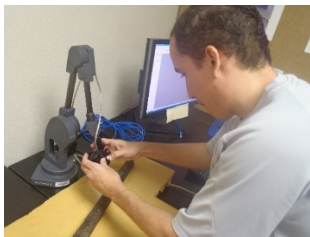


3D Hardware and Software in the LSU DIVA Lab

- NextEngine 3D scanners
- Kreon 3D scanner with Microscribe Arm
- Dimension Elite 3D Printer (produces ABS+ plastic replicas)
- Proprietary software for 3D scanners and printer
- 3D software: Rhinoerus, Geomagic (formerly Rapidform), Rapidworks, Avizo, Geomedia 3D
- 2D software: Geomedia (Intergraph/Hexagon) GIS, ArcGIS, Photoshop, Surfer



Rachel Watson at the SCA (Support Cleaning Apparatus), a heated chemical bath to remove the support material used in the Dimension Elite 3D Printer, seen in the background.



Roberto Rosado (LSU MA Anthropology 2010) using the Kreon 3D scanner to image the K'ak' Naab' wooden canoe paddle after it was conserved.



NextEngine 3D Scanner in use by Patrick Vines (LSU Anth BA 2014)



K'ak' Naab' wooden canoe paddle being imaged with the NextEngine 3D scanner in the LSU DIVA Lab by Dr. E. Cory Sills. (paddle measure 4' 7" in length)