

# 3D Printing Resources

Some UCLA 3D printing groups—

- **Avengineering**, <http://18hats.net/a/home/>
- **Ozcan Research Group**, <http://innovate.ee.ucla.edu/>
- UCLA's student-run 3D printing club

-----

Some 3D Printing resources from Doug Daniels—

- **A Model for Managing 3D Printing Services in Academic Libraries**,  
<http://www.istl.org/13-spring/refereed1.html>
- **Massachusetts Governor Announces Funding for Innovative Technology Assistance Center at Quinsigamond Community College**,  
<http://www.mass.gov/governor/pressoffice/pressreleases/2014/0512-governor-patrick-announces-funds-for-innovation-center.html>
- **MakerBot and Florida Polytechnic University Partner to Bring MakerBot 3D Printing to the Florida Poly RAD Makerspace**,  
[http://www.businesswire.com/news/home/20140723006381/en/MakerBot-Florida-Polytechnic-University-Partner-Bring-MakerBot#.VHz71pDF\\_qu](http://www.businesswire.com/news/home/20140723006381/en/MakerBot-Florida-Polytechnic-University-Partner-Bring-MakerBot#.VHz71pDF_qu)
- **SUNY New Paltz Gets First Innovation Center**,  
<http://www.makerbot.com/blog/2014/06/25/makerbot-stories-university-gets-first-innovation-center/>

For those with a little extra time and a Netflix account, I highly recommend the documentary called *Print the Legend*, <http://www.netflix.com/printthelegend>.

Free, open access repositories of 3D models ready to be printed:

- **Makerbot Thingiverse**, <http://www.thingiverse.com/>
- **GrabCAD**, <http://grabcad.com/>, an excellent repository for engineers
- **The Smithsonian 3D Collection of Artifacts and Fossils**, <http://3d.si.edu/browser>
- **More fossils from the Smithsonian**, <http://humanorigins.si.edu/evidence/3d-collection>
- **Substantial fossil collection from the British Geological Survey and others**,  
<http://www.3d-fossils.ac.uk/home.html>

The first, *A Model for Managing 3D Printing Services in Academic Libraries* is a very good scholarly write-up of an existing 3D printing service at the University of Alabama that I highly recommend.

( many thanks to Doug Daniels for the above links! )

-----

Lynda.com modules—

- **Up and Running with 3D Printing**, <http://www.lynda.com/3D-Animation-Prototyping-tutorials/Up-Running-3D-Printing/151814-2.html>
- **3D Printing Project: Designing a Replacement Part**, <http://www.lynda.com/3D-Animation-Prototyping-tutorials/3D-Printing-Project-Designing-Replacement-Part/164026-2.html>
- **Getting Started with MakerBot 3D Printers**, <http://www.lynda.com/CAD-Prototyping-tutorials/Getting-Started-MakerBot-3D-Printers/156544-2.html>
- **3D Scanning a Person**, <http://www.lynda.com/CAD-Product-Design-tutorials/3D-Scanning-Person/185327-2.html>

Safari ProQuest—

- **Getting Started with MakerBot**, <http://proquest.safaribooksonline.com/book/-/9781449338640>

Microsoft Virtual Academy—

- **3D Printing Essentials**, <http://www.microsoftvirtualacademy.com/training-courses/3d-printing-essentials>

-----

- [The Makers by Cory Doctorow](#) is a fascinating science fiction novel with 3D printing as a central element. The book is free for download with a Creative Commons license.

*If you have any other suggestions, please add them. Thanks!*

---

Revision #2

Created Fri, Dec 5, 2014 4:30 PM by Postovoit, Philip

Updated Fri, Dec 5, 2014 10:25 PM by Franks, Mike