

# School of Medicine Library Policy

## 3D Printing Services

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### Purpose Statement

As part of the School of Medicine Library (SOML) mission to support the Strategic Pillar of Education and Research, we hope to encourage collaboration, exploration, and innovation of emerging technologies such as 3D printing for the betterment of healthcare practices and services in Southern Nevada.

### Who can use 3D Printing Services?

3D Printing services and resources are available to faculty/staff, medical students, residents and fellows of the Kirk Kerkorian School of Medicine at UNLV (KSOM).

### What can I print?

The School of Medicine Library welcomes requests from KSOM faculty, staff, students, and physician trainees for collaborative projects related to 3D printing. Due to limited resources and the current focus in supporting research and education, 3D prints will be prioritized in these two areas.

Examples include, but are not limited to: anatomical models with stages of diseases, non-invasive experimental prototyping, or your latest research breakthrough!

We want to encourage exploration of these resources so if your request is not educational or research-focused, but has functional purposes we can print those too.

If you're not sure what you want to print, please still reach out to library staff to share your idea and see how we can assist you. Please refer to the **Additional Considerations** section for more information on what we are prohibited from printing.

**Printing Priorities:**

- **Education-related:** These are 3D printing requests related to a class assignment or project.
- **Research-related:** These are 3D printing requests related to research such as creating experimental models for the purposes of student/practitioner education.
- **Other:**
  - 3D Printing requests that are functional or have a purpose. Not sure? Contact us!
  - SOML faculty and staff may use the 3D printer to host events, outreach, or special programming or piloting new tools/techniques.

**What are the fees for printing?**

The School of Medicine Library currently covers the cost of filament. This cost is currently offset by the library's operating budget and external funding whenever possible. The coverage of fees is dependent on budget availability and subject to change.

**What are the steps for requesting a 3D print?**

Library users (requesters) will need to fill out a form to submit 3D printing requests. Forms are reviewed and processed by School of Medicine Library staff. If the request meets the service requirements, prints are then processed by SOML staff and library users are notified when print jobs are complete and available for pick-up. The pick-up window for 3D printed materials are during library operating hours only.

Below are a set of steps to follow. Steps 3-5 are optional but may come up if a request requires clarification or further technical guidance by library faculty/staff.

Steps	Task	Responsible Party
1	Submit the request through the Google Form	Faculty/Medical Student/Resident/Fellow
2	Receive request through Google Form	Student Supervisor
3	Refer to Technologist for further consultation (optional)	Student Supervisor
4	Meet with requester to discuss 3D Print request (optional)	Technologist
5	Refer project back to Student Supervisor (optional)	Technologist
6	Process 3D Print request	Student Supervisor

7	Prep and clean 3D Print	Student Assistant
8	Notify requester that 3D Print is ready for pickup	Student Supervisor/Assistant
9	Retrieve 3D Print	Faculty/Medical Student/Resident/Fellow

## Additional Considerations

### 3D Printing Equipment

**Access:** Only School of Medicine Library faculty and staff have hands-on access to 3D printers. Library users may check out and use 3D printing pens.

**Use:** Only approved materials provided by the School of Medicine Library may be used with the 3D printers. The 3D printers must be used in a manner outlined by manufacturer's specifications.

### Printing Restrictions

**Clinical Use Applications:** At this time, 3D Printing Services are focused on prototyping items for research and educational purposes in the educational setting.

**Excessive Printing:** In order to offer this resource to as many eligible library users, we ask that printing is prioritized to education-related or research-related projects. Library users may also submit requests that have a function or purpose. At the discretion of SOML staff, library users seen to excessively print objects will be asked to hold requests to allow other users the opportunity to use the 3D printing service.

**Overnight Printing:** Overnight printing is not permitted.

**Weapon Making:** Library users will need to comply with federal, state, and local laws. The creation of illegal devices, weapons, or items intended to cause bodily harm are strictly prohibited.

## Disclaimers & Acknowledgements

**Intellectual Property & Copyright:** Library users will need to comply with federal, state and local laws, as well as NSHE, UNLV, and UNLV Libraries policies with respect to intellectual property rights and use of copyrighted materials. The School of Medicine Library staff will not be able to make any determinations on fair use and protections of intellectual property. To learn more about copyright at UNLV, please visit the [UNLV Copyright Information](#) page.

The library cannot guarantee item quality or stability, nor confidentiality of designs. Any finishing steps (e.g. removing rafts/supports, sanding, removing paper backing, etc.) is the responsibility of the user.

The library user understands that staff is not responsible for failed prints or prints which are damaged when removed from the print bed. Additionally, any changes made to prints and completion date are subject to change at staff discretion/availability of materials.

The School of Medical Library reserves the right to refuse any 3D print request.

## Notes

N/A

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