

# Working with MS Support Group

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Rockville Nursing Home, 303 Adclare Road, Rockville, MD 20850

June 14, 2015

## Agenda

3:00pm	Welcome!
	Brief Introductions/Member Check-in
3:10pm	<b>3D MS Hacking – Making things (work for you)</b>  “People with disabilities are often confined to using assistive equipment that is ugly and badly designed for their needs.” ~ Denise Stephens, Person with MS & Creator of Enabled by Design  “Dream up the unimaginable, see things that never were, and ask why not.” ~ Amanda Boxel, Executive Director, Bridging Bionics Foundation & Person with paraplegia, user of wheelchair & now also walking robotic exoskeleton
4:00pm	Member Sharings & Support
5:00pm	Adjourn

### Handouts & “News You Can Use”:

3D Printing Helps in Creation of Eye-Movement Controlled Wheelchair For The Paralyzed (3D Print.com June6, 2015)

<http://3dprint.com/71234/3d-print-wheelchair-eye/>

The Next Frontier For 3-D Printing: Helping The Disabled (Fast Company & Inc © May 20, 2013)

<http://www.fastcodesign.com/1672572/the-next-frontier-for-3-d-printing-helping-the-disabled>

3D Printing a Better World for the Disabled (Seersucker Magazine 2015)

<http://seersuckermag.com/lifestyle/read/3d-printing-a-better-world-for-the-disabled>

### **3D printer designs and designers:**

<http://enabledbydesign.org/>

<http://www.shapeways.com/>

<http://www.sketchup.com/3Dfor/3D-printing>

<https://www.tinkercad.com/>

[www.thingiverse.com](http://www.thingiverse.com)

<http://www.ponoko.com/showroom/Playsettings/products> (design & products by/for persons with ability differences)

<https://www.bathsheba.com/> (3D printed art)

### Next/Upcoming Meetings:

July 12th – Meeting

Aug. 9th – NO Meeting (take a vacation, have fun, escape the heat!!)

Sept. 13th – Meeting

## **Learning 3D Design & Printing:**

3D Modeling for 3D Printing Tutorial for Beginners

<http://www.shapeways.com/tutorials/easy-3d-modeling-for-3d-printing-tutorial-for-beginners>

How to Get Started: 3D Modeling and Printing (Popular Mechanics MAR 15, 2012)

<http://www.popularmechanics.com/technology/design/how-to/a11854/how-to-get-started-3d-modeling-and-printing/>

How to Get Started with 3D Printing (Without Spending a Fortune) (Lifehacker.com 9/18/13)

<http://lifehacker.com/how-to-get-started-with-3d-printing-without-spending-a-1340345210>

## **Where Can I Use a 3D Printer:**

<http://www.montgomerycountymd.gov/library/branches/silverspring.html>

MoCo Public Library-Silver Spring Branch; 900 Wayne Ave, Silver Spring, MD 20901

KID Museum MakerSpace at Davis Library Museum; 6400 Democracy Blvd, Bethesda, MD 20817

[www.HacDC.org](http://www.HacDC.org) 1525 Newton St NW, Washington DC 20010 (16th and Newton NW(ish));  
Columbia Heights Metro; membership not required to use printer; call 202-556-HACK before  
arriving unannounced.

<http://dclibrary.org/labsatdcpl> Labs at DC Public Library/Martin Luther King Jr. Memorial  
Library; 3D printer in the Fab Lab (<http://dclibrary.org/labs/fablab>)

<http://www.techshop.ws/arlington.html> TechShop DC-Arlington; 2110-B Crystal Dr.,  
Arlington, VA 22202; open 24/7 except major holidays; (703) 302-8780