

From: Michael Link <[REDACTED]>
To: J <jeevacation@gmail.com>
Subject: Re: CBA News & Notes
Date: Sat, 15 Dec 2018 23:01:36 +0000

Thanks Jeffrey.

Are you in town this week?

Sent from my iPhone

From: J <jeevacation@gmail.com>
Sent: Saturday, December 15, 2018 9:46 AM
To: Michael Link
Subject: Fwd: CBA News & Notes

congratulations on your graduation

----- Forwarded message -----

From: CBA News <[REDACTED]>
Date: Fri, Dec 14, 2018 at 5:16 PM
Subject: CBA News & Notes
To: Jeffrey Epstein <jeevacation@gmail.com>



CBA News & Notes

December 14, 2018

- The annual *How To Make (almost) Anything* open house will be held from 5:00-6:30 on Tuesday December 18th on the sixth floor of MIT's building [E14](#):

<http://fab.cba.mit.edu/classes/863.18/>

Emily Salvador writes about the class here:

<https://spectrum.mit.edu/spring-2018/how-to-make-almost-anything-better>

- Joe Jacobson, Pranam Chatterjee, and Noah Jakimo showed how to significantly expand the fraction of the genome that can be edited with CRISPR:

<http://news.mit.edu/2018/new-crispr-tool-opens-genome-editing-1024>

Shuguang Zhang and Rui Qing showed how cellular membrane proteins can be used outside of cell membranes:

<http://news.mit.edu/2018/scientists-alter-membrane-proteins-make-them-easier-study-0827>

- Pictures and videos are available for events CBA co-hosted on Computational Fabrication:

<http://cba.mit.edu/events/18.06.SCF/>

Molecular Frontiers:

<http://www.molecularfrontiers.org/symposia/mit-2018>

Mel King's Festschrift:

<http://cba.mit.edu/events/18.06.Mel>

and FAB14:

<http://fab14.fabevent.org>

FAB14 was covered here:

<http://www.makery.info/en/2018/07/24/fab14-partage-ses-recettes-en-resilience/>

FAB15 will follow in Egypt July 28-August 4, 2019.

- CBA received a research award under the NIST Materials Genome Initiative:

<https://www.nist.gov/mgi>

working Argonne National Laboratory's Manufacturing Science program:

<https://www.anl.gov/manufacturing>

on open designs for online materials measurements and modeling.

- We welcome the Prostate Cancer Foundation as an affiliate sponsor, with a focus on studying olfaction for cancer diagnosis:

<https://www.pcf.org/>

- Neil Gershenfeld spoke at the EuroScience Open Forum

<https://www.youtube.com/watch?v=3pkqm-mzXDU>

Open Hardware Summit:

<https://hackaday.io/page/5516-open-hardware-summit-video-recording-of-talks>

World Intelligent Manufacturing Summit:

<https://fablabo.com/2018/10/>

and the Whole Earth Catalog's 50th anniversary celebration:

<https://www.wholeearth50th.com/>

where a team of current and former CBA students showed rapid-prototyping of rapid-prototyping machines as a frontier of its tagline "access to tools".

- World Affairs spoke with Neil Gershenfeld and his brothers Joel and Alan on the implications of digital fabrication:

<http://worldaffairs.libsyn.com/the-third-digital-revolution-fabrication>

- Alum Raffi Krikorian was interviewed by NPR:

<https://www.npr.org/2018/08/30/642676228/heres-what-keeps-the-democratic-party-s-technology-boss-awake-at-night>

- Alum Max Lobovsky wrote:

<https://www.bostonglobe.com/opinion/2018/08/03/what-really-going-with-printed-guns/jXlb2X2K3VHBJHXWVfEF3H/story.html>

and Neil Gershenfeld was interviewed:

<http://www.wbur.org/hereandnow/2018/08/01/3d-printed-gun-blueprints>

on the controversy over 3D-printed guns.

- Tomas Diez edited a book on fab cities:

<https://issuu.com/iaac/docs/fabcitymassdistribution>

- CBA patents have issued for microfluidic bubble logic devices:

<https://patents.google.com/patent/US10012569B2>

and lattice robots:

<https://patents.google.com/patent/US10046820B2>

- We're pleased to add to CBA's digital fabrication facility a new waterjet cutter:

http://cba.mit.edu/tools#Omax_5555_waterjet

pick-and-place:

http://cba.mit.edu/tools#Mechatronika_M10V_Pick_and_Place

and wire bonder:

http://cba.mit.edu/tools#TPT_HB05_Wire_Bonder

- Best wishes from your friends and colleagues at CBA for the holiday season and the coming year.

This is an occasional newsletter on the activities of CBA and its partners; to be added or removed from this list, or to submit items, please contact cba_news@cba.mit.edu

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