

## Neri Oxman: Material Ecology, Checklist Feb. 20 2020



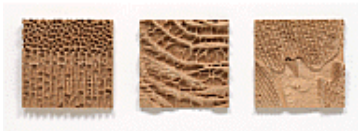
**Neri Oxman, American, born Israel, 1976**

**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

Cartesian Wax, from the Materialecology project, 2007

Rhinoceros and Generative Components software; ultra low viscosity urethane rubber, semi rigid polyurethane casting resin composite, and machinable wax

60 × 48 × 2" (152.4 × 121.9 × 5.1 cm)



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**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

Subterranean, from the Materialecology project, 2007

Coded FEA, Rhinoceros, and Generative Components software; CNC milled laminated oak and cherry wood

.a (leaf section): 20 x 20 x 2 1/4" (50.8 x 50.8 x 5.7 cm)

.b (scorpion paw): 20 x 20 x 2 1/4" (50.8 x 50.8 x 5.7 cm)

.c (butterfly wing): 20 x 20 x 2 1/4" (50.8 x 50.8 x 5.7 cm)



**Neri Oxman, American, born Israel, 1976**

**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

Armour, 2007

3D printed multicolored Vero acrylic polymer

17 1/2 × 7 1/2 × 5" (44.5 × 19.1 × 12.7 cm)



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**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

Raycounting, from the Materialecology project, 2007

3D printed Vero acrylic polymer

.a: 17 × 11 × 10" (43.2 × 27.9 × 25.4 cm)

.b: 19 1/2 × 10 × 6 1/2" (49.5 × 25.4 × 16.5 cm)

.c: 19 3/16 × 10 × 6" (48.7 × 25.4 × 15.2 cm)



**Neri Oxman, American, born Israel, 1976**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Monocoque, from the Materialecology project, 2007  
3D printed multicolored Vero acrylic polymer  
.a:  $13 \times 7 \frac{1}{4} \times 8$ " ( $33 \times 18.4 \times 20.3$  cm)  
.b:  $13 \times 7 \frac{1}{4} \times 8$ " ( $33 \times 18.4 \times 20.3$  cm)  
.c:  $3 \frac{1}{4} \times 14 \times 5$ " ( $8.3 \times 35.6 \times 12.7$  cm)



**Neri Oxman, American, born Israel, 1976**  
**Massachusetts Institute of Technology**  
Beast, 2008–2010  
photopolymers  
 $19 \frac{3}{16} \times 10 \times 6$ " ( $48.7 \times 25.4 \times 15.2$  cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**W. Craig Carter, American, born 1961**  
Imaginary Beings (Arachne), 2012  
3D printed multicolored Vero acrylic polymer  
 $29 \frac{3}{4} \times 20 \times 14 \frac{1}{2}$ " ( $75.6 \times 50.8 \times 36.8$  cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
Imaginary Beings (Daphne), 2012  
3D printed multicolored Vero acrylic polymer  
 $7 \frac{1}{2} \times 7 \frac{1}{2} \times 8 \frac{1}{2}$ " ( $19.1 \times 19.1 \times 21.6$  cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**W. Craig Carter, American, born 1961**  
Imaginary Beings (Doppelgänger), 2012  
3D printed multicolored Vero acrylic polymer  
20 1/2 × 17 1/2 × 11 1/2" (52.1 × 44.5 × 29.2 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**W. Craig Carter, American, born 1961**  
Imaginary Beings (Gravida), 2012  
3D printed multicolored Vero acrylic polymer  
15 1/2 × 11 1/2 × 12" (39.4 × 29.2 × 30.5 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**W. Craig Carter, American, born 1961**  
Imaginary Beings (Medusa 2), 2012  
3D printed multicolored Vero acrylic polymer  
12 1/2 × 11 × 7 1/2" (31.8 × 27.9 × 19.1 cm)



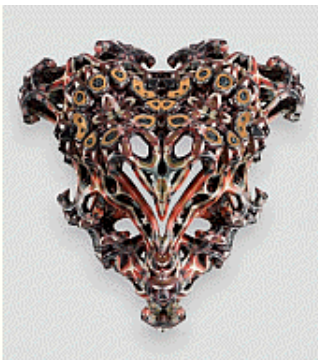
**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**W. Craig Carter, American, born 1961**  
**Joe Hicklin, American, born 1959**  
**Turlif Vilbrandt, American, born 1968**  
Imaginary Beings (Minotaur Head with Lamella), 2012  
3D printed multicolored Vero acrylic polymer  
7 × 10 × 11" (17.8 × 25.4 × 27.9 cm)



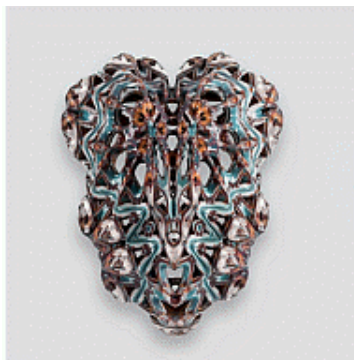
**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**W. Craig Carter, American, born 1961**  
Imaginary Beings (Minotaur Head with Sutures), 2012  
3D printed multicolored Vero acrylic polymer  
7 3/4 × 10 × 12" (19.7 × 25.4 × 30.5 cm)



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**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Vespers: Lazarus, 2016  
3D printed multicolored Vero acrylic polymer  
approx. 16 1/8 × 22 3/8 × 9 3/16" (40.9 × 56.9 × 23.3 cm)



**Neri Oxman, American, born Israel, 1976**  
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**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Vespers Mask 1 Series 1, 2018  
Synthetic polymer printed on a Stratasys Full-color Multi-material J750 3D Printer  
13 3/4 × 13 3/4 × 10 7/16" (35 × 35 × 26.5 cm)



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**Stratasys**  
Vespers Mask 2 Series 1, 2018  
Synthetic polymer printed on a Stratasys Full-color Multi-material J750 3D Printer  
10 7/16 × 12 1/4 × 10 5/16" (26.5 × 31.1 × 26.2 cm)





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**Stratasys**  
Vespers Mask 3 Series 1, 2018  
Synthetic polymer printed on a Stratasys Full-color Multi-material J750 3D Printer  
14 3/4 × 16 5/8 × 10 13/16" (37.4 × 42.3 × 27.5 cm)



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**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Vespers Mask 4 Series 1, 2018  
Synthetic polymer printed on a Stratasys Full-color Multi-material J750 3D Printer  
10 11/16 × 14 1/16 × 11 7/16" (27.2 × 35.7 × 29 cm)



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**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Vespers Mask 5 Series 1, 2018  
Synthetic polymer printed on a Stratasys Full-color Multi-material J750 3D Printer  
16 1/8 × 22 3/8 × 9 3/16" (40.9 × 56.9 × 23.3 cm)



**Neri Oxman, American, born Israel, 1976**  
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**Stratasys**  
Vespers Mask 1 Series 2, 2018  
Synthetic polymer printed on a Stratasys Objet500™ Connex3 Color Multi-material 3D Production System  
13 3/8 × 14 9/16 × 7 13/16" (34 × 37 × 19.8 cm)



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**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Vespers Mask 2 Series 2, 2018  
Synthetic polymer printed on a Stratasys Objet500™ Connex3 Color  
Multi-material 3D Production System  
10 3/8 × 7 7/8 × 13 5/16" (26.4 × 20 × 33.8 cm)



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**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Vespers Mask 3 Series 2, 2018  
Synthetic polymer printed on a Stratasys Objet500™ Connex3 Color  
Multi-material 3D Production System  
13 7/16 × 15 15/16 × 8 11/16" (34.1 × 40.5 × 22.1 cm)



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**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Vespers Mask 4 Series 2, 2018  
Synthetic polymer printed on a Stratasys Objet500™ Connex3 Color  
Multi-material 3D Production System  
10 11/16 × 15 1/16 × 7 3/4" (27.2 × 38.2 × 19.7 cm)



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**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Vespers Mask 5 Series 2, 2018  
Synthetic polymer printed on a Stratasys Objet500™ Connex3 Color  
Multi-material 3D Production System  
15 5/16 × 19 9/16 × 10 3/16" (38.9 × 49.7 × 25.9 cm)



**Neri Oxman, American, born Israel, 1976**  
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**Stratasys**  
Vespers Mask 1 Series 3, 2018  
Photopolymer Resins (RGD835, SUP705), E. coli bacteria, Hydrogel,  
Nutrient Media, Chemical Signal, Clear Coat Varnish.  
9 5/8 × 6 1/8 × 4 5/16" (24.4 × 15.5 × 11 cm)



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**Stratasys**  
Vespers Mask 2 Series 3, 2018  
Photopolymer Resins (RGD835, SUP705), E. coli bacteria, Hydrogel,  
Nutrient Media, Chemical Signal, Clear Coat Varnish.  
9 5/8 × 6 1/8 × 4 5/16" (24.4 × 15.5 × 11 cm)

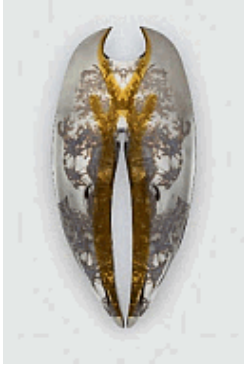


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**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Vespers Mask 3 Series 3, 2018  
Photopolymer Resins (RGD835, SUP705), E. coli bacteria, Hydrogel,  
Nutrient Media, Chemical Signal, Clear Coat Varnish.  
8 1/4 × 5 7/8 × 3 15/16" (21 × 15 × 10 cm)



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**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Vespers Mask 4 Series 3, 2018  
Photopolymer Resins (RGD835, SUP705), E. coli bacteria, Hydrogel,  
Nutrient Media, Chemical Signal, Clear Coat Varnish.  
9 15/16 × 6 1/4 × 4 1/2" (25.2 × 15.8 × 11.5 cm)

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**Stratasys**

Vespers Mask 5 Series 3, 2018

Photopolymer Resins (RGD835, SUP705), E. coli bacteria, Hydrogel, Nutrient Media, Chemical Signal, Clear Coat Varnish.

15 15/16 × 7 5/16 × 4 3/16" (40.5 × 18.6 × 10.6 cm)



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**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

**Stratasys**

Vespers III Video, 2018

3 min 33 sec



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**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

Vespers Sample 1,

Photopolymer Resins; RGD835; RGD875; RGD843 ;RGD851; RGD836; RGD810 ;

1 9/16 × 3/8 × 3 1/4" (4 × 0.9 × 8.2 cm)



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Vespers Sample 2,

Photopolymer Resins; RGD835; RGD875; RGD843 ;RGD851; RGD836; RGD810;

1 9/16 × 3/16 × 3 1/4" (4 × 0.4 × 8.2 cm)



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Vespers Sample 3,

Photopolymer Resins; RGD835; RGD875; RGD843 ;RGD851; RGD836;  
RGD810

3 15/16 × 1 3/4 × 3 3/4" (10 × 4.5 × 9.5 cm)



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**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

Vespers Sample 10,

Photopolymer Resins (RGD810, SUP705), E. coli bacteria, Hydrogel,  
Nutrient Media, Chemical Signal, Clear Coat Varnish

4 × 2 1/8 × 13/16" (10.1 × 5.4 × 2 cm)



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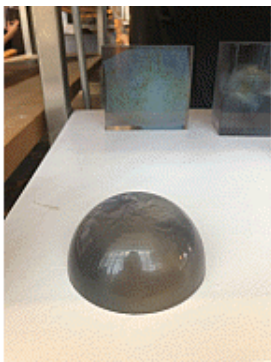
**Mediated Matter Group, est. 2010**

**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

Vespers Sample 11,

Photopolymer Resins (RGD810, SUP705), E. coli bacteria, Hydrogel,  
Nutrient Media, Chemical Signal, Clear Coat Varnish

6 1/8 × 9 7/16 × 4 5/16" (15.5 × 24 × 11 cm)



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**Mediated Matter Group, est. 2010**

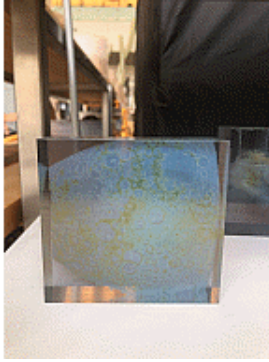
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

Vespers Sample 12,

Photopolymer Resins; FLX 935; RGD835; SUP705

3 1/8 × 3 1/8 × 1 9/16" (8 × 8 × 4 cm)

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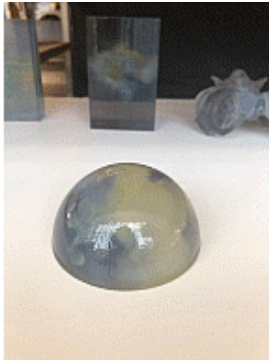
**Mediated Matter Group, est. 2010**

**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

Vespers Sample 13,

Photopolymer Resins; RGD810; RGD835; RGD875; RGD843 ;RGD851;  
RGD836; RGD810

4 3/16 × 4 1/2 × 1 3/8" (10.6 × 11.5 × 3.5 cm)



**Neri Oxman, American, born Israel, 1976**

**Mediated Matter Group, est. 2010**

**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

Vespers Sample 14,

Photopolymer Resins; FLX 935; RGD835; SUP705

3 1/8 × 3 1/8 × 1 9/16" (8 × 8 × 4 cm)



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Vespers Sample 15,

Photopolymer Resins; RGD810; RGD835; RGD875; RGD843 ;RGD851;  
RGD836; RGD810

2 3/4 × 2 9/16 × 4 5/16" (7 × 6.5 × 11 cm)



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**Mediated Matter Group, est. 2010**

**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

Vespers Sample 16,

Photopolymer Resins; FLX 935; RGD835; SUP705

4 5/16 × 3 3/4 × 1 15/16" (11 × 9.5 × 5 cm)

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Vespers Sample 17,

Photopolymer Resins; RGD810; RGD835; RGD875; RGD843 ;RGD851;  
RGD836; RGD810

4 3/4 × 4 3/4 × 2 3/8" (12 × 12 × 6 cm)



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**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

Vespers Sample 18,

Photopolymer Resins; RGD810; RGD835; RGD875; RGD843 ;RGD851;  
RGD836; RGD810

5 5/16 × 2 15/16 × 9/16" (13.5 × 7.5 × 1.5 cm)



**Neri Oxman, American, born Israel, 1976**

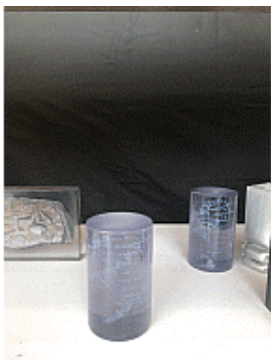
**Mediated Matter Group, est. 2010**

**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

Vespers Sample 19,

Photopolymer Resins; RGD810;

3 1/8 × 13/16 × 3/16" (8 × 2 × 0.5 cm)



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**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

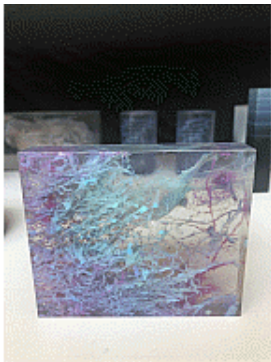
Vespers Sample 20,

Photopolymers Resis; RGD810; RGD835

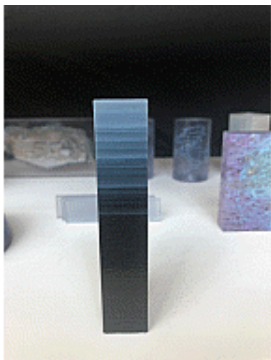
2 15/16 × 1 9/16 × 1 9/16" (7.5 × 4 × 4 cm)



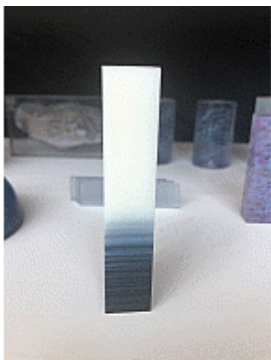
**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Vespers Sample 21,  
Photopolymers Resis; RGD810; RGD835  
2 15/16 × 1 9/16 × 1 9/16" (7.5 × 4 × 4 cm)



**Neri Oxman, American, born Israel, 1976**  
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Vespers Sample 22,  
Photopolymer Resins; RGD810; RGD835; RGD875; RGD843 ;RGD851;  
RGD836; RGD810  
3 5/8 × 11/16 × 3" (9.2 × 1.7 × 7.6 cm)



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Vespers Sample 23,  
Photopolymer Resins; RGD 835; RGD875  
13/16 × 13/16 × 3 15/16" (2 × 2 × 10 cm)



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Vespers Sample 24,  
Photopolymer Resins; RGD 835; RGD876  
13/16 × 13/16 × 3 15/16" (2 × 2 × 10 cm)



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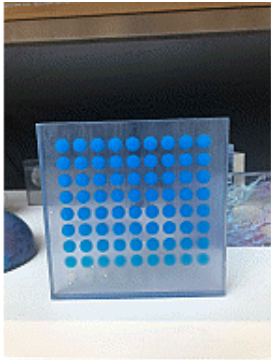
**Mediated Matter Group, est. 2010**

**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

Vespers Sample 25,

Photopolymer Resins; RGD810; RGD835; RGD875; RGD843 ;RGD851;  
RGD836; RGD810

3 1/8 × 2 3/16 × 1 3/16" (8 × 5.5 × 3 cm)



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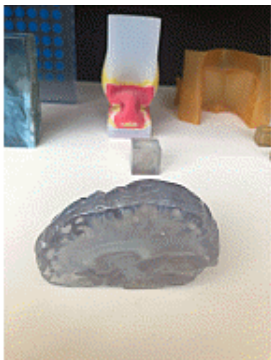
**Mediated Matter Group, est. 2010**

**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

Vespers Sample 26,

Photopolymer Resins; RGD810; RGD835; RGD843

5 1/8 × 5 1/8 × 9/16" (13 × 13 × 1.5 cm)



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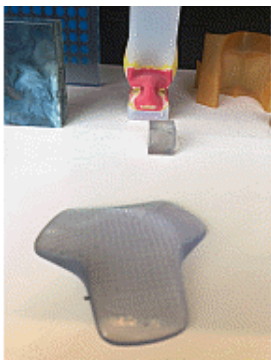
**Mediated Matter Group, est. 2010**

**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

Vespers Sample 27,

Photopolymers Resis; RGD810; RGD835

2 3/4 × 1 15/16 × 1 3/16" (7 × 5 × 3 cm)



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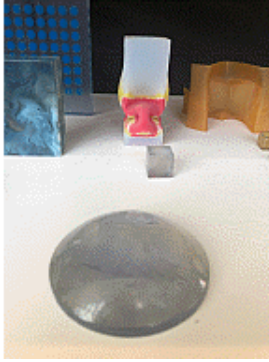
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

Vespers Sample 28,

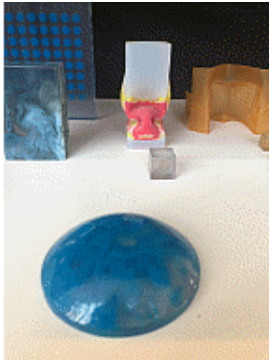
Photopolymer Resins; RGD810; FLX 935;

3 1/8 × 3 1/8 × 9/16" (8 × 8 × 1.5 cm)

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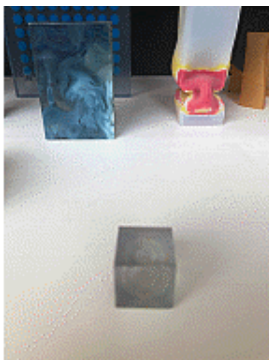
**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Vespers Sample 29,  
Photopolymer Resins; RGD810; FLX 935;  
3 1/8 × 3 1/8 × 13/16" (8 × 8 × 2.1 cm)



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Vespers Sample 30,  
Photopolymer Resins; RGD810; RGD835; RGD843  
3 1/8 × 3 1/8 × 13/16" (8 × 8 × 2.1 cm)

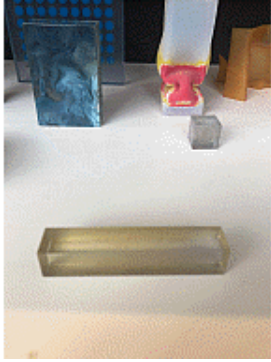


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**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Vespers Sample 31,  
Photopolymer Resins; RGD810; FLX 935; SUP705  
3 1/8 × 3 1/8 × 9/16" (8 × 8 × 1.5 cm)

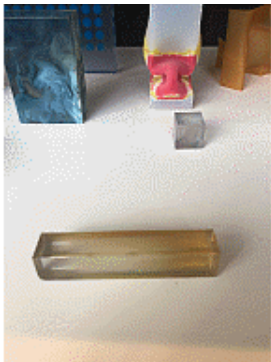


**Neri Oxman, American, born Israel, 1976**  
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**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Vespers Sample 32,  
Photopolymer Resins; RGD810; FLX930; SUP705  
13/16 × 13/16 × 13/16" (2 × 2 × 2 cm)

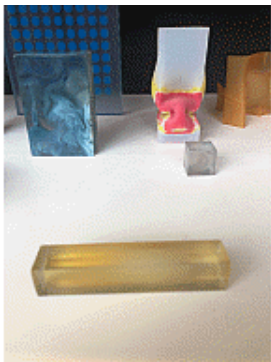
## Neri Oxman: Material Ecology, Checklist Feb. 20 2020



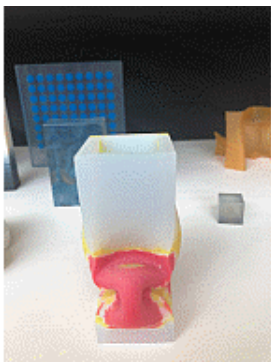
**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Vespers Sample 33,  
Photopolymer Resins; RGD810; FLX930; SUP705  
9/16 × 9/16 × 3 1/8" (1.5 × 1.5 × 8 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Vespers Sample 34,  
Photopolymer Resins; RGD810; FLX930; SUP706  
9/16 × 9/16 × 3 1/8" (1.5 × 1.5 × 8 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Vespers Sample 35,  
Photopolymer Resins; RGD810; FLX930; SUP707  
9/16 × 9/16 × 3 1/8" (1.5 × 1.5 × 8 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Vespers Sample 36,  
Photopolymer Resins; RGD810; RGD836; RGD841; RGD851  
3 13/16 × 1 15/16 × 2 5/8" (9.7 × 5 × 6.7 cm)

**Neri Oxman: Material Ecology, Checklist Feb. 20 2020**



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Vespers Sample 37,  
Photopolymer Resins; FLX973; RGD875  
5 7/8 × 5 7/8 × 11/16" (15 × 15 × 1.7 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Vespers Sample 38,  
Photopolymer Resins; RGD835; RGD875; RGD843 ;RGD851; RGD836;  
RGD810  
4 3/4 × 4 3/4 × 2 3/8" (12 × 12 × 6 cm)



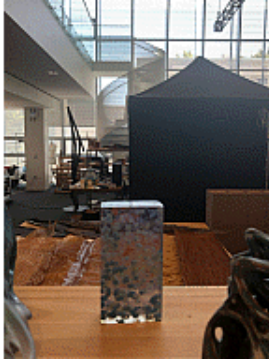
**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Vespers Sample 39.1,  
Photopolymer Resins; RGD835; RGD875; RGD843 ;RGD851; RGD836;  
RGD810  
3 1/8 × 1 9/16" (8 × 4 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Vespers Sample 39.2,  
Photopolymer Resins; RGD835; RGD875; RGD843 ;RGD851; RGD836;  
RGD810  
3 1/8 × 1 9/16" (8 × 4 cm)



**Neri Oxman: Material Ecology, Checklist Feb. 20 2020**



**Neri Oxman, American, born Israel, 1976**

**Mediated Matter Group, est. 2010**

**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

Vespers Sample 4,

Photopolymer Resins; RGD835; RGD875; RGD843 ;RGD851; RGD836;  
RGD812; RGD810

7/8 × 2 3/16 × 7/16" (2.3 × 5.6 × 1.1 cm)



**Neri Oxman, American, born Israel, 1976**

**Mediated Matter Group, est. 2010**

**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

Vespers Sample 40.1,

Photopolymer Resins; RGD835; RGD875; RGD843 ;RGD851; RGD836;  
RGD810

3 1/8 × 1 9/16" (8 × 4 cm)



**Neri Oxman, American, born Israel, 1976**

**Mediated Matter Group, est. 2010**

**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

Vespers Sample 40.2,

Photopolymer Resins; RGD835; RGD875; RGD843 ;RGD851; RGD836;  
RGD810

3 1/8 × 1 9/16" (8 × 4 cm)



**Neri Oxman, American, born Israel, 1976**

**Mediated Matter Group, est. 2010**

**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

Vespers Sample 41,

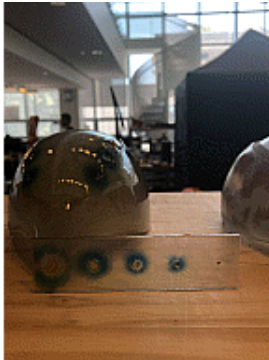
Photopolymer Resins; RGD835; RGD875; RGD843 ;RGD851; RGD836;  
RGD810

4 3/4 × 4 3/4 × 2 3/8" (12 × 12 × 6 cm)

## Neri Oxman: Material Ecology, Checklist Feb. 20 2020



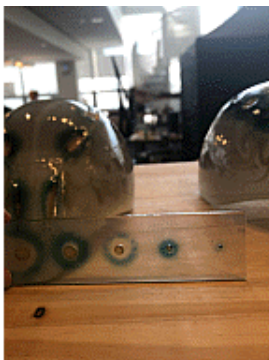
**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Vespers Sample 5,  
Photopolymer Resins; RGD810; RGD835  
4 3/4 × 1 3/16 × 1 9/16" (12 × 3 × 4 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Vespers Sample 6,  
Photopolymer Resins (RGD810, SUP705), E. coli bacteria, Hydrogel,  
Nutrient Media, Chemical Signal, Clear Coat Varnish  
5 7/8 × 1 9/16 × 3/16" (15 × 4 × 0.4 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Vespers Sample 7,  
Photopolymer Resins (RGD810, SUP705), E. coli bacteria, Hydrogel,  
Nutrient Media, Chemical Signal, Clear Coat Varnish  
6 5/16 × 10 1/16 × 4 3/4" (16 × 25.5 × 12 cm)

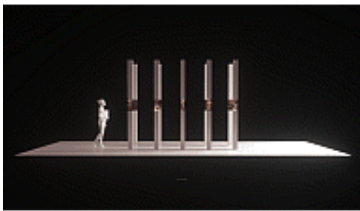


**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Vespers Sample 8,  
Photopolymer Resins (RGD810, SUP705), E. coli bacteria, Hydrogel,  
Nutrient Media, Chemical Signal, Clear Coat Varnish  
5 7/8 × 1 9/16 × 3/16" (15 × 4 × 0.4 cm)

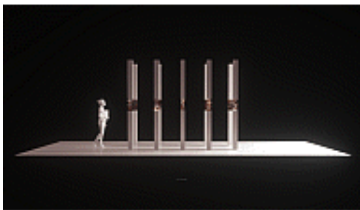
## Neri Oxman: Material Ecology, Checklist Feb. 20 2020



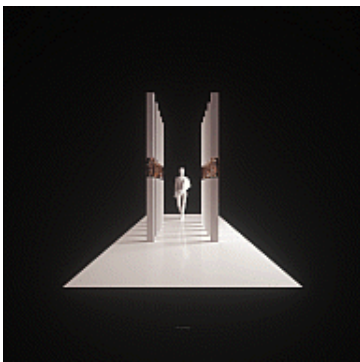
**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Vespers Sample 9,  
Photopolymer Resins (RGD810, SUP705), E. coli bacteria, Hydrogel,  
Nutrient Media, Chemical Signal, Clear Coat Varnish  
6 1/8 × 9 7/16 × 4 5/16" (15.5 × 24 × 11 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Totems 1, 2019  
Photopolymer; water, enzyme, substrate, melanin  
12.33 ft, 5 7/8 × 5 7/8" (375.8 × 15 × 15 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Totems 2, 2019  
Photopolymer; water, enzyme, substrate, melanin  
12.33 ft, 5 7/8 × 5 7/8" (375.8 × 15 × 15 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology**  
Totems 3, 2019  
Photopolymer; water, enzyme, substrate, melanin  
12 5/16 × 5 7/8 × 5 7/8" (31.3 × 15 × 15 cm)

## Neri Oxman: Material Ecology, Checklist Feb. 20 2020



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Totems Video, 2019  
4 min 6 sec



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Eric de Broche des Combes**  
Totems Rendering, 2019



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Totems Sample 1,  
Photopolymer Resin RGD810; melanin from bird feathers; polyethylene glycol  
4 3/4 × 2 3/8" (12 × 6 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Totems Sample 10,  
Photopolymer Resins; RGD835; RGD875; RGD843 ;RGD851; RGD836;  
RGD810  
1 15/16 × 3 15/16" (5 × 10 cm)



## Neri Oxman: Material Ecology, Checklist Feb. 20 2020



**Neri Oxman, American, born Israel, 1976**

**Mediated Matter Group, est. 2010**

**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

**Stratasys**

Totems Sample 11,

Photopolymer Resin RGD810; squid ink melanin, polyethylene glycol

1 9/16 × 1 9/16 × 3/8" (4 × 4 × 1 cm)



**Neri Oxman, American, born Israel, 1976**

**Mediated Matter Group, est. 2010**

**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

**Stratasys**

Totems Sample 12,

Photopolymer Resin RGD810; squid ink melanin, bird feather melanin, polyethylene glycol

9 1/16 × 9 1/16 × 1 15/16" (23 × 23 × 5 cm)



**Neri Oxman, American, born Israel, 1976**

**Mediated Matter Group, est. 2010**

**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

**Stratasys**

Totems Sample 13,

White concrete; glass; mushroom enzymes; tyrosine; cysteine; sodium phosphate buffer; feathers, hair, squid ink

13 11/16 × 13 11/16 × 3 1/8" (34.8 × 34.8 × 8 cm)



**Neri Oxman, American, born Israel, 1976**

**Mediated Matter Group, est. 2010**

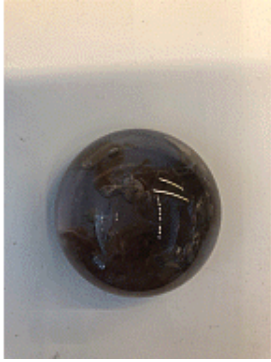
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

Totems Sample 2,

Photopolymer Resin RGD810; melanin from bird feathers; polyethylene glycol

4 3/4 × 2 3/8" (12 × 6 cm)

**Neri Oxman: Material Ecology, Checklist Feb. 20 2020**



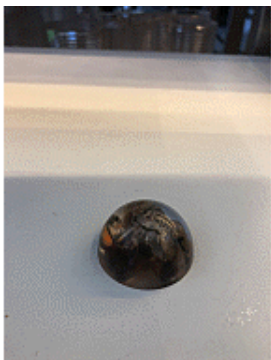
**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Totems Sample 3,  
Photopolymer Resin RGD810; melanin from bird feathers; polyethylene glycol  
3 1/8 × 1 9/16" (8 × 4 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Totems Sample 4,  
Photopolymer Resin RGD810; melanin from squid ink; polyethylene glycol  
1 9/16 × 13/16" (4 × 2 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Totems Sample 5,  
Photopolymer Resin RGD810; melanin from bird feathers; polyethylene glycol  
3 1/8 × 1 9/16" (8 × 4 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Totems Sample 6,  
Photopolymer Resin RGD810; melanin from bird feathers; polyethylene glycol  
13/16 × 1 9/16" (2 × 4 cm)

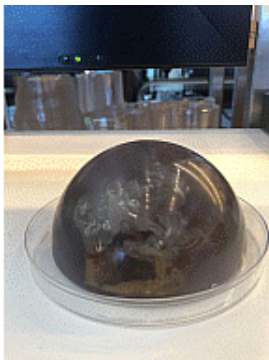
## Neri Oxman: Material Ecology, Checklist Feb. 20 2020



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Totems Sample 7,  
Photopolymer Resin RGD810; melanin from bird feathers; polyethylene glycol  
2 3/8 × 4 3/4" (6 × 12 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Totems Sample 8,  
Photopolymer Resin RGD810; melanin from bird feathers; polyethylene glycol  
2 3/8 × 4 3/4" (6 × 12 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Totems Sample 9,  
Photopolymer Resin RGD810; melanin from bird feathers; polyethylene glycol  
2 3/8 × 4 3/4" (6 × 12 cm)



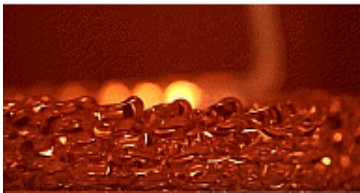
**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Glass II, 2017  
3D printed glass  
118 1/8 × 11 13/16" (300 × 30 cm)



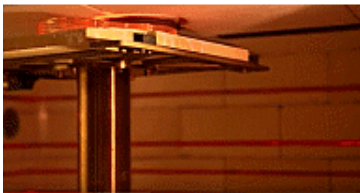
**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Glass II, 2017  
3D printed glass  
118 1/8 × 11 13/16" (300 × 30 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Glass II, 2017  
3D printed glass  
118 1/8 × 11 13/16" (300 × 30 cm)

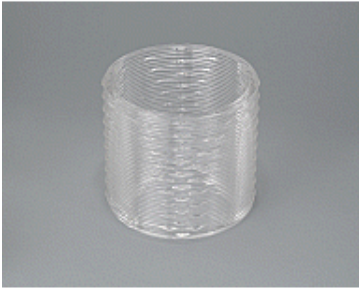


**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Glass I Video, 2015  
4 min 22 sec



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Glass II Video, 2017  
5 min 26 sec





**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Glass II section - "B4", 2017–2018  
3D printed glass  
7 3/4 × 8 1/4" (19.7 × 21 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Glass II section - "C14", 2017–2018  
3D printed glass  
8 × 6 × 5 3/4" (20.3 × 15.2 × 14.6 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Glass II section - "D16", 2017–2018  
3D printed glass  
9 3/4 × 10 × 10" (24.8 × 25.4 × 25.4 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Glass II section - "E23", 2017–2018  
3D printed glass  
8 × 8 × 8" (20.3 × 20.3 × 20.3 cm)



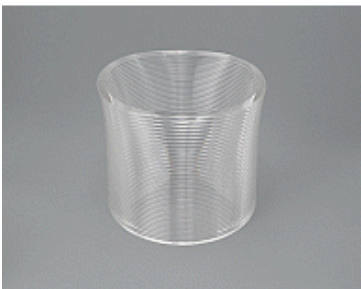
**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Glass II section - "F10", 2017–2018  
3D printed glass  
6 3/4 × 8" (17.1 × 20.3 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Glass II section - "MoMA 1", 2017–2018  
3D printed glass  
12 × 12 × 9" (30.5 × 30.5 × 22.9 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Glass II section - "MoMA 2" Part 1, 2017–2018  
3D printed glass  
12 × 12 × 12" (30.5 × 30.5 × 30.5 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Glass II section - "MoMA 2" Part 2, 2017–2018  
3D printed glass  
6 × 6" (15.2 × 15.2 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Glass II section - "MoMA 3", 2017–2018  
3D printed glass  
7 1/2 × 9 × 7 1/2" (19.1 × 22.9 × 19.1 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Glass II section - "MoMA 4", 2017–2018  
3D printed glass  
4 × 8" (10.2 × 20.3 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Glass II section - "MoMA 5", 2017–2018  
3D printed glass  
8 3/4 × 8 1/4" (22.2 × 21 cm)



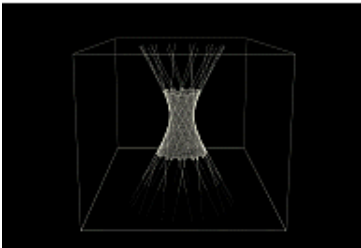
**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Glass II section - "MoMA 6", 2017–2018  
3D printed glass  
8 1/4 × 8 1/4" (21 × 21 cm)



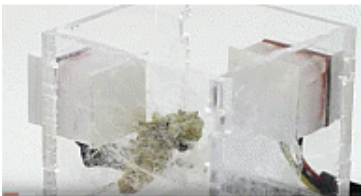
**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Glass-Printed Blown Object 1, 2019  
3D printed glass  
5" x 2.5" x 6.25"



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Glass-Printed Blown Object 2, 2019  
3D printed glass  
12.25" x 10.5" x 6.25"



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Silk Pavilion II, 2020  
Stainless steel and silk threads

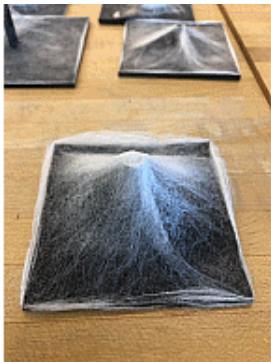


**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Silk I Video,  
6 min 18 sec





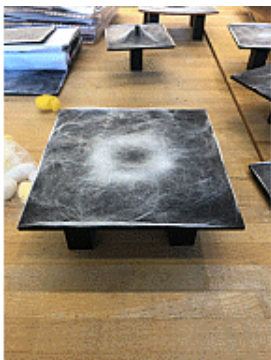
**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
Silk II Video,



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Silk Sample 1,  
Silk, acrylic board  
4 × 4 × 1" (10.2 × 10.2 × 2.5 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Silk Sample 10,  
Silk, acrylic board  
4 × 4 × 2 3/4" (10.2 × 10.2 × 7 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Silk Sample 11,  
silk, acrylic board, heat resistors  
6 × 6 × 2 1/4" (15.2 × 15.2 × 5.7 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Silk Sample 12,  
silkworm cocoons from multiple strands



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Silk Sample 13,  
silk, mesh (dissolved)  
20 × 12" (50.8 × 30.5 cm)

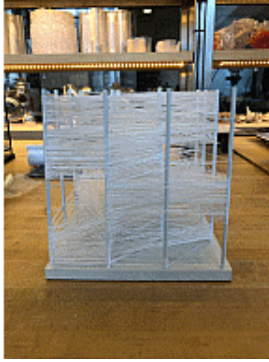


**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Silk Sample 14,  
silk, handwoven cotton gauze  
12 × 12" (30.5 × 30.5 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Silk Sample 15,  
silk, acrylic board, polycarbonate  
6 × 6 × 6" (15.2 × 15.2 × 15.2 cm)

## Neri Oxman: Material Ecology, Checklist Feb. 20 2020



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Silk Sample 16,  
silk, acrylic board, polycarbonate  
6 × 6 × 6" (15.2 × 15.2 × 15.2 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Silk Sample 17,  
silk, acrylic board, polycarbonate  
6 × 6 × 6" (15.2 × 15.2 × 15.2 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Silk Sample 18,  
silk, acrylic board, polycarbonate  
6 × 6 × 6" (15.2 × 15.2 × 15.2 cm)



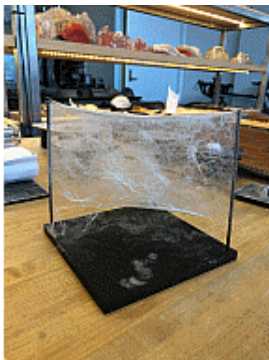
**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Silk Sample 19,  
silk, acrylic board, polycarbonate  
6 × 6 × 6" (15.2 × 15.2 × 15.2 cm)



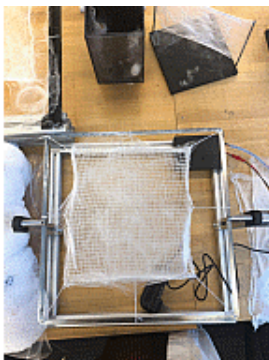
**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Silk Sample 2,  
Silk, acrylic board  
4 × 4 × 1" (10.2 × 10.2 × 2.5 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Silk Sample 20,  
silk, acrylic  
4 × 4 × 6 1/4" (10.2 × 10.2 × 15.9 cm)



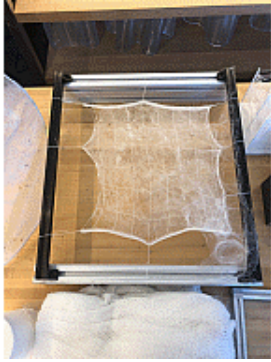
**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Silk Sample 21,  
silk, dissolvable thread, acrylic board, polycarbonate  
6 × 6 × 5 1/2" (15.2 × 15.2 × 14 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Silk Sample 22,  
silk, handwoven cotton, aluminum frames, rotary motor  
13 1/2 × 13 1/2 × 13 1/2" (34.3 × 34.3 × 34.3 cm)



## Neri Oxman: Material Ecology, Checklist Feb. 20 2020



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Silk Sample 23,  
silk, handwoven cotton, aluminium frame  
12 × 12" (30.5 × 30.5 cm) without frame  
17 × 20 × 4" (43.2 × 50.8 × 10.2 cm) with frame



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Silk Sample 24,  
Dissolvable mesh knit  
14 × 14 × 4" (35.6 × 35.6 × 10.2 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Silk Sample 25,  
silk, mesh (dissolved), metal frame  
15 × 15 × 2" (38.1 × 38.1 × 5.1 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology**  
Silk Sample 26,  
Silk, Stainless steel frame  
40 × 40" (101.6 × 101.6 cm)

**Neri Oxman: Material Ecology, Checklist Feb. 20 2020**



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology**  
Silk Sample 27,  
Silk, Stainless steel frame  
40 × 40" (101.6 × 101.6 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology**  
Silk Sample 28,  
Silk, dissolvable knit, stainless steel frame  
20 × 20" (50.8 × 50.8 cm)

**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
Silk Sample 28, 2019



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology**  
Silk Sample 29,  
Silk, dissolvable knit, stainless steel frame  
40 × 40" (101.6 × 101.6 cm)

**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
Silk Sample 29,



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Silk Sample 3,  
Silk, acrylic board  
 $4 \times 4 \times 1$ " ( $10.2 \times 10.2 \times 2.5$  cm)



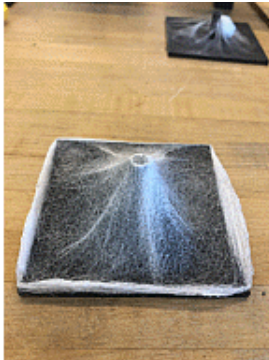
**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology**  
Silk Sample 30,  
Silk, dissolvable knit, plastic hoops  
 $110 \times 30$ " ( $279.4 \times 76.2$  cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Silk Sample 4,  
Silk, acrylic board  
 $4 \times 4 \times 1$ " ( $10.2 \times 10.2 \times 2.5$  cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Silk Sample 5,  
Silk, acrylic board  
4 × 4 × 1" (10.2 × 10.2 × 2.5 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Silk Sample 6,  
Silk, acrylic board  
4 × 4 × 1" (10.2 × 10.2 × 2.5 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Silk Sample 7,  
Silk, acrylic board  
4 × 4 × 1" (10.2 × 10.2 × 2.5 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Silk Sample 8,  
Silk, acrylic board  
4 × 4 × 2 3/4" (10.2 × 10.2 × 7 cm)



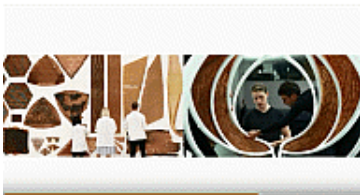
## Neri Oxman: Material Ecology, Checklist Feb. 20 2020



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
Silk Sample 9,  
Silk, acrylic board  
4 × 4 × 2 3/4" (10.2 × 10.2 × 7 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Aguahoja, 2019  
Biopolymer composites (chitosan)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Aguahoja Video, 2018  
4 min 52 sec



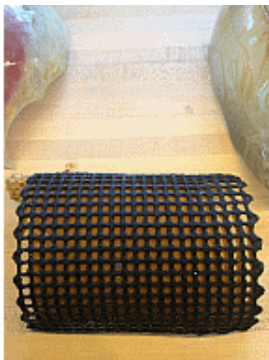
**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 1,  
Apple pectin, vegetable glycerin, chitosan (85% deacylated), squid-ink  
melanin, turmeric  
2 1/2 × 3 5/8 × 7/16" (6.4 × 9.2 × 1.1 cm)



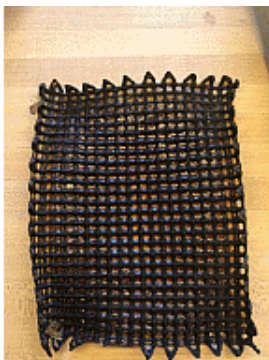
**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 10,  
Apple pectin, vegetable glycerin, chitosan (85% deacytelated), beetroot,  
turmeric, methylcellulose, activated charcoal  
5 1/16 × 5 3/4 × 11/16" (12.8 × 14.6 × 1.7 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 11,  
Apple pectin, chitosan (85% deacytelated), beetroot, turmeric, acetic acid  
4 15/16 × 5 3/8 × 9/16" (12.6 × 13.7 × 1.4 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 12,  
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp  
cellulose, acetic acid  
5 5/16 × 8 1/8 × 1 7/8" (13.5 × 20.6 × 4.8 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 13,  
Apple pectin, chitosan (85% deacetylated), vegetable glycerin, wood-pulp  
cellulose, acetic acid  
7 × 5 1/4 × 7/8" (17.8 × 13.3 × 2.3 cm)

## Neri Oxman: Material Ecology, Checklist Feb. 20 2020



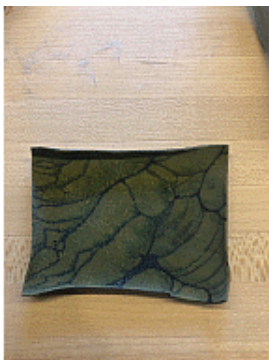
**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 15,  
Apple pectin, chitosan (85% deacytelated), vegetable glycerine,  
microcrystalline cellulose, acetic acid  
3 5/16 × 3 3/8 × 13/16" (8.4 × 8.6 × 2 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 16,  
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp  
cellulose, acetic acid  
3 × 6 × 2 5/8" (7.6 × 15.2 × 6.7 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 17,  
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp  
cellulose, acetic acid, thermochromic guanine pigment  
4 3/4 × 5 1/4 × 5/16" (12 × 13.3 × 0.8 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 2,  
Apple pectin, vegetable glycerin, chitosan (85% deacytelated), squid-ink  
melanin, turmeric  
2 3/4 × 3 11/16 × 7/16" (7 × 9.4 × 1.1 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 27,  
Chitosan (85% deacetylated), acetic acid  
5 × 6 7/8 × 3 7/16" (12.7 × 17.4 × 8.8 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 28,  
Apple pectin, chitosan (85% deacetylated), vegetable glycerine, wood-pulp cellulose, acetic acid  
4 5/8 × 6 15/16 × 1 1/4" (11.8 × 17.7 × 3.1 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 29,  
Chitosan (85% deacetylated), vegetable glycerine, wood-pulp cellulose, acetic acid  
7 × 7 3/16 × 4 3/16" (17.8 × 18.2 × 10.6 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 3,  
Apple pectin, vegetable glycerin, chitosan (85% deacetylated), squid-ink melanin, turmeric  
2 3/4 × 3 3/4 × 5/16" (7 × 9.6 × 0.8 cm)

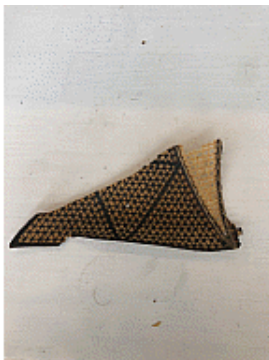




**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 30,  
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp  
cellulose, acetic acid  
5 1/16 × 10 × 4" (12.9 × 25.4 × 10.1 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 31,  
Chitosan (85% deacytelated), acetic acid  
6 5/8 × 41 × 6" (16.8 × 104.1 × 15.2 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 36,  
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp  
cellulose, acetic acid  
8 × 4 × 1 1/2" (20.3 × 10.2 × 3.8 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 37,  
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp  
cellulose, acetic acid  
4 × 4 × 1/8" (10.2 × 10.2 × 0.3 cm)





**Neri Oxman, American, born Israel, 1976**

**Mediated Matter Group, est. 2010**

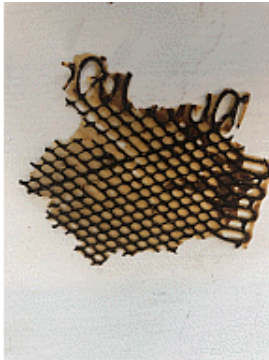
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

**Stratasys**

Aguahoja Sample 38,

Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose, acetic acid

4 × 4 × 1/8" (10.2 × 10.2 × 0.3 cm)



**Neri Oxman, American, born Israel, 1976**

**Mediated Matter Group, est. 2010**

**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

**Stratasys**

Aguahoja Sample 39,

Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose, acetic acid

6 1/2 × 5 1/2 × 1/8" (16.5 × 14 × 0.3 cm)



**Neri Oxman, American, born Israel, 1976**

**Mediated Matter Group, est. 2010**

**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

**Stratasys**

Aguahoja Sample 4,

Apple pectin, vegetable glycerin, chitosan (85% deacytelated), squid-ink melanin, turmeric

2 5/8 × 3 11/16 × 7/16" (6.7 × 9.4 × 1.1 cm)



**Neri Oxman, American, born Israel, 1976**

**Mediated Matter Group, est. 2010**

**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

**Stratasys**

Aguahoja Sample 40,

Apple pectin, chitosan (85% deacytelated), vegetable glycerine, acetic acid

5 1/2 × 4 1/2 × 1" (14 × 11.4 × 2.5 cm)



**Neri Oxman, American, born Israel, 1976**

**Mediated Matter Group, est. 2010**

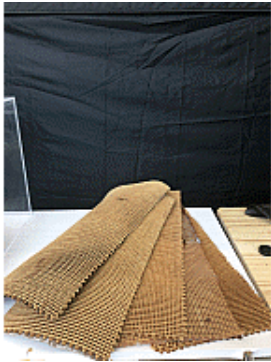
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

**Stratasys**

Aguahoja Sample 41.1,

Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp  
cellulose, acetic acid

20 × 8 × 1 1/2" (50.8 × 20.3 × 3.8 cm)



**Neri Oxman, American, born Israel, 1976**

**Mediated Matter Group, est. 2010**

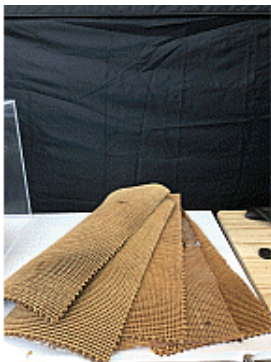
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

**Stratasys**

Aguahoja Sample 41.2,

Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp  
cellulose, acetic acid

20 × 8 × 1 1/2" (50.8 × 20.3 × 3.8 cm)

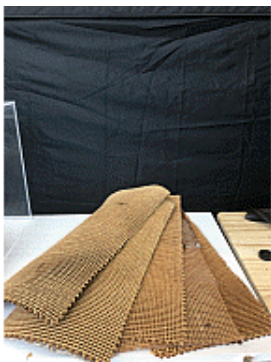


**Neri Oxman, American, born Israel, 1976**

**Mediated Matter Group, est. 2010**

**Massachusetts Institute of Technology**

Aguahoja Sample 41.3,



**Neri Oxman, American, born Israel, 1976**

**Mediated Matter Group, est. 2010**

**Massachusetts Institute of Technology**

Aguahoja Sample 41.4,

## Neri Oxman: Material Ecology, Checklist Feb. 20 2020



**Neri Oxman, American, born Israel, 1976**

**Mediated Matter Group, est. 2010**

**Massachusetts Institute of Technology**

Aguahoja Sample 41.5,

Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose, acetic acid

20 × 8 × 1 1/2" (50.8 × 20.3 × 3.8 cm)



**Neri Oxman, American, born Israel, 1976**

**Mediated Matter Group, est. 2010**

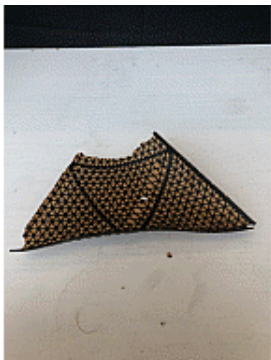
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

**Stratasys**

Aguahoja Sample 43,

Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose, acetic acid

4 1/2 × 4 1/2 × 1" (11.4 × 11.4 × 2.5 cm)



**Neri Oxman, American, born Israel, 1976**

**Mediated Matter Group, est. 2010**

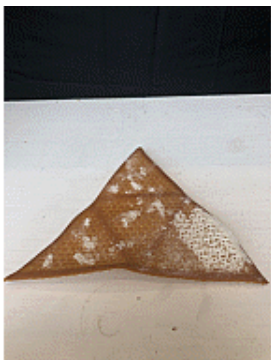
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

**Stratasys**

Aguahoja Sample 44,

Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose, acetic acid

8 1/2 × 4 × 2" (21.6 × 10.2 × 5.1 cm)



**Neri Oxman, American, born Israel, 1976**

**Mediated Matter Group, est. 2010**

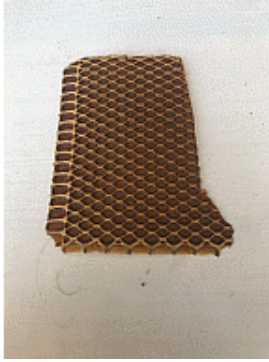
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

**Stratasys**

Aguahoja Sample 45,

Chitosan(85% deacetylated), acetic acid

8 1/2 × 7 × 1" (21.6 × 17.8 × 2.5 cm)



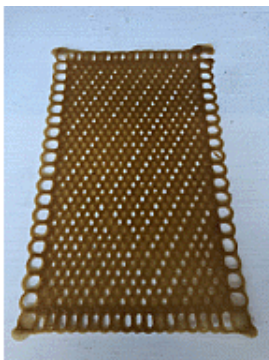
**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 46,  
Chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose,  
acetic acid  
7 3/16 × 11 × 1/8" (18.3 × 27.9 × 0.3 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 47,  
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp  
cellulose, acetic acid  
4 1/2 × 4 1/2 × 1/8" (11.4 × 11.4 × 0.3 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 48,  
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp  
cellulose, acetic acid  
4 1/2 × 4 1/2 × 1/8" (11.4 × 11.4 × 0.3 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 49,  
Chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose,  
acetic acid  
7 1/4 × 12 × 1/16" (18.4 × 30.5 × 0.1 cm)





**Neri Oxman, American, born Israel, 1976**

**Mediated Matter Group, est. 2010**

**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

**Stratasys**

Aguahoja Sample 5,

Apple pectin, vegetable glycerin, chitosan (85% deacylated), beetroot, turmeric, wood-pulp cellulose

5 × 5 11/16 × 11/16" (12.7 × 14.4 × 1.8 cm)



**Neri Oxman, American, born Israel, 1976**

**Mediated Matter Group, est. 2010**

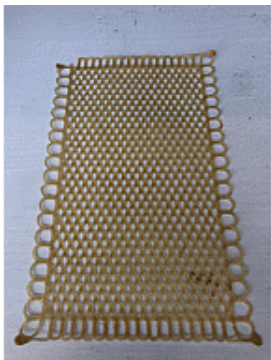
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

**Stratasys**

Aguahoja Sample 50,

Chitosan (85% deacylated), vegetable glycerine, wood-pulp cellulose, acetic acid

7 1/4 × 12 × 1/16" (18.4 × 30.5 × 0.1 cm)



**Neri Oxman, American, born Israel, 1976**

**Mediated Matter Group, est. 2010**

**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

**Stratasys**

Aguahoja Sample 51,

Chitosan (85% deacylated), vegetable glycerine, wood-pulp cellulose, acetic acid

7 1/4 × 12 × 1/16" (18.4 × 30.5 × 0.1 cm)



**Neri Oxman, American, born Israel, 1976**

**Mediated Matter Group, est. 2010**

**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

**Stratasys**

Aguahoja Sample 52,

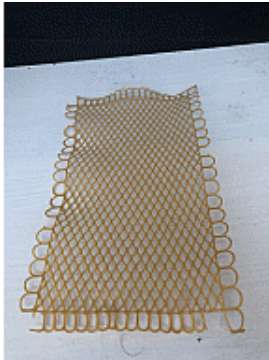
Chitosan (85% deacylated), vegetable glycerine, wood-pulp cellulose, acetic acid

7 1/4 × 12 × 1/8" (18.4 × 30.5 × 0.3 cm)





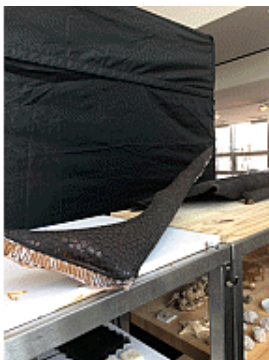
**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 53,  
Chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose,  
acetic acid  
7 1/4 × 12 × 1/8" (18.4 × 30.5 × 0.3 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 54,  
Chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose,  
acetic acid  
7 1/4 × 12 × 1/8" (18.4 × 30.5 × 0.3 cm)



**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 55,  
Chitosan (85% deacytelated), vegetable glycerine, wood-pulp cellulose,  
acetic acid  
7 1/4 × 12 × 1/16" (18.4 × 30.5 × 0.1 cm)

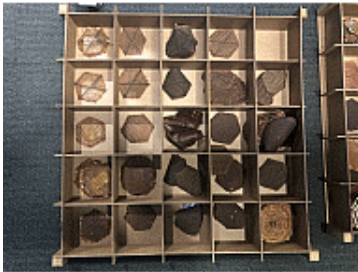


**Neri Oxman, American, born Israel, 1976**  
**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 56,  
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp  
cellulose, acetic acid  
46 × 7 × 4" (116.8 × 17.8 × 10.2 cm)

## Neri Oxman: Material Ecology, Checklist Feb. 20 2020



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**Mediated Matter Group, est. 2010**  
**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 57,  
Beeswax, copal  
3 × 2 1/2 × 2 1/2" (7.6 × 6.4 × 6.4 cm)



**Neri Oxman, American, born Israel, 1976**  
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**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Aguahoja Sample 58.1-65,  
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp  
cellulose, acetic acid, medim density fiberboard  
24 × 24 × 3 1/2" (61 × 61 × 8.9 cm)



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**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
Aguahoja Sample 59.1-117,  
Apple pectin, chitosan (85% deacytelated), vegetable glycerine, wood-pulp  
cellulose, acetic acid, medim density fiberboard  
24 × 24 × 3 1/2" (61 × 61 × 8.9 cm)



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**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**  
**Stratasys**  
Aguahoja Sample 6,  
Apple pectin, vegetable glycerin, chitosan (85% deacytelated), beetroot,  
turmeric, wood-pulp cellulose  
4 15/16 × 5 11/16 × 13/16" (12.6 × 14.5 × 2 cm)



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**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

**Stratasys**

Aguahoja Sample 7,

Apple pectin, vegetable glycerin, chitosan (85% deacylated), beetroot, turmeric, methylcellulose, kadmium, alginate

5 3/16 × 5 5/8 × 7/16" (13.1 × 14.3 × 1.1 cm)



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**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

**Stratasys**

Aguahoja Sample 8,

Apple pectin, vegetable glycerin, chitosan (85% deacylated), beetroot, turmeric, microcrystalline cellulose, activated charcoal

5 3/8 × 5 13/16 × 11/16" (13.7 × 14.8 × 1.7 cm)



**Neri Oxman, American, born Israel, 1976**

**Mediated Matter Group, est. 2010**

**Massachusetts Institute of Technology, Cambridge, MA, est. 1861**

**Stratasys**

Aguahoja Sample 9,

Apple pectin, vegetable glycerin, chitosan (85% deacylated), beetroot, turmeric, methylcellulose, activated charcoal

5 3/16 × 5 3/4 × 5/8" (13.1 × 14.6 × 1.6 cm)