

# DLA Newsletter vol. 22

## the Digital Liberal Arts

### In this issue:

- Behind the Scenes: Marcia Collaer
- 3D printing with DLA
- April Data Bootcamp
- Project Spotlight: Caitlin Myers in the News

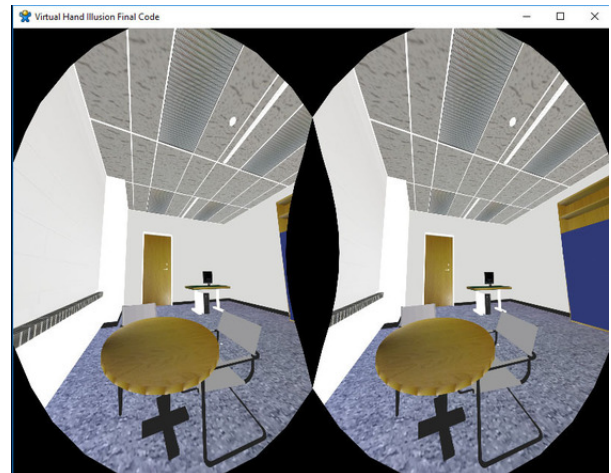
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### Behind the Scenes: Marcia Collaer and Anthony Richardson

Join us on **Thursday, March 23rd from 12:30-1:30pm** for our next Behind the Scenes presentation. Professors of Psychology Marcia Collaer (Middlebury College) and Anthony Richardson (Saint Michael's College) will present their work exploring the development of body ownership as assessed in the virtual world. Their work extends investigations of the rubber hand illusion into digital space. The traditional rubber hand illusion explores sensory and perceptual factors that give rise to a sense of 'body ownership' that can develop for an inanimate object (e.g., a rubber hand/arm). Extending these

questions to virtual reality via a head mounted display allows them to investigate additional factors that may influence the degree of body ownership that develops. Specifically, they are investigating how agency, in the form of voluntary motion, and 'naturalness', the degree to which the object looks similar to or different from a hand influences how easily a person can feel like the object belongs to their own body. Marcia and Tony will be talking about the collaborative aspects of the project, the benefits of using VR for their research, and the process of using digital tools (many developed by Mayra Alvarez, a St. Michael's student) to build their experiment.

This talk is co-sponsored by the [Green Mountain Higher Education Consortium](#). We look forward to continuing last month's theme of collaboration and sparking engaging dialogue with our neighboring institutions!



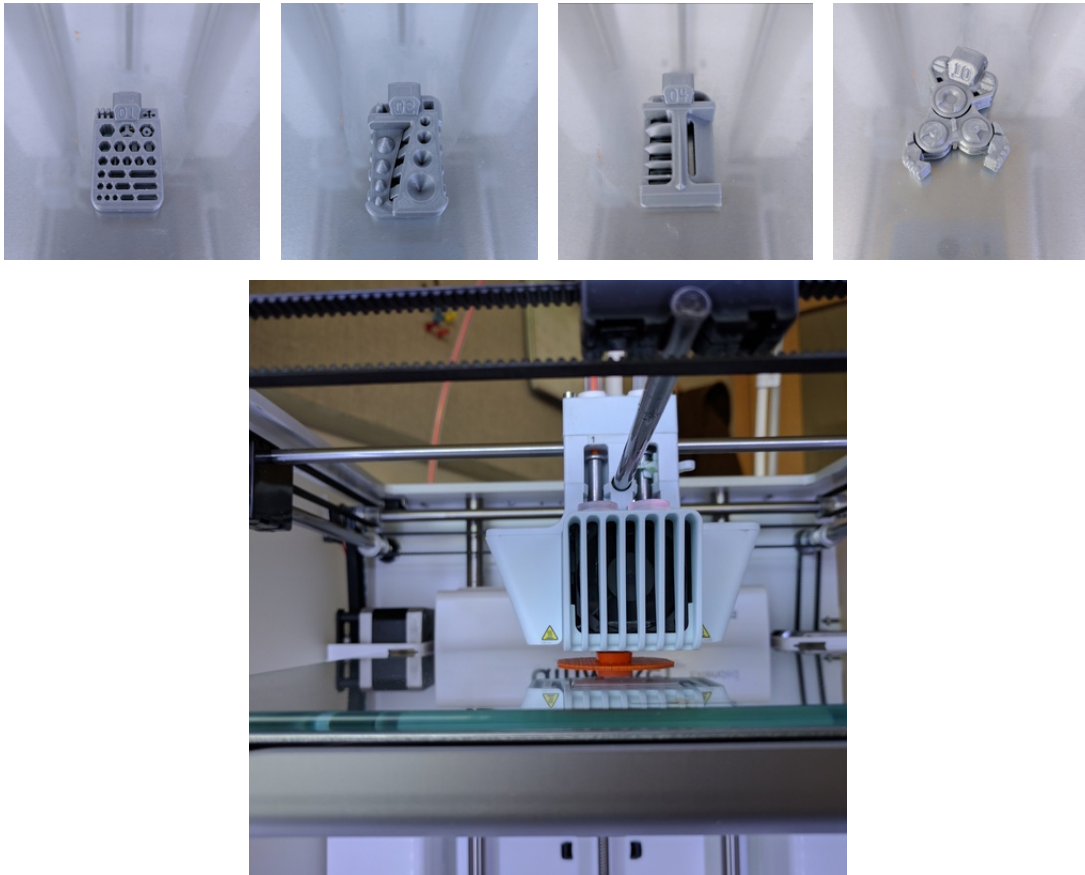
Lunch will be provided. Please RSVP so we can order enough food.

RSVP to March's Behind the Scenes

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## 3D Printing with the DLA

As part of our effort to ramp up the 3D capabilities of the DLA, Academic Technology Group, and the Davis Family Library, the DLA recently purchased an [Ultimaker 3 3D printer](#). Currently we are printing a series of prints designed to test different tolerances of the printer. We are seeking faculty interested in 3D printing projects that would enhance either their research or classroom experiences. Please email [Kristy Golubiewski-Davis](#) for more information.



Contact Kristy about 3D Printing & Scanning

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## April Data Bootcamp

Ryan Clement and Kristy Golubiewski-Davis will be running a series of workshops in April, covering a number of topics related to finding and working with data. We welcome any faculty, staff, or students interested in attending to join us. These will be a combination of short presentations, discussions, and hands-on activities. While the skills in each workshop build on skills presented earlier, it is not necessary to attend all three workshops.

### **Introduction to Data**

April 7, 1-2:30pm

Wilson 220

This first workshop will present information on where to find data, exploring the elements of a usable dataset, and best practices for data management. Participants will examine data profiles chosen to fit the needs of the class, learn how to read a codebook, and explore some common data sources.

### **Data About Data & Cleaning Your Data**

April 14, 1-2:30pm

Wilson 220

The second workshop is targeted towards learning how to clean up a dataset and prepare it for analysis. We will talk about metadata and documentation standards (it sounds scarier than it is, we promise!). Participants will work through a hands-on activity on how, why, and when to clean data.

### **Introduction to Data Visualization**

April 28th, 1-3:00pm

Wilson 140

Our last workshop will be an introduction to data visualization. Participants will learn the basics tenets of data visualization and discuss what makes visualizations effective. Ryan and Kristy will lead data visualization tool demos, and the workshop will culminate with participants creating their own visualization from a choice of datasets.

[Sign up for a Data workshop](#)

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## **Project Spotlight: Caitlin Myers in the News**



Caitlin Myers (Economics) worked on her DLA fellowship for the calendar year 2016. For her project, Caitlin examined the effect of Texas House Bill 2, which required abortion providers to have admitting privileges in nearby hospitals among other requirements. Her project quantified the effects of the bill and presented her research in a map format to make it more accessible to the general public. In January, she and her student RAs gave a Behind the Scenes presentation to discuss some preliminary results of the project. The Middlebury News Room wrote up a story on the presentation and we would like to share it here with you!

Click through using the link below read the article about the talk and learn more about Caitlin's DLA-supported research!

[View the Newsroom Article](#)

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*If you have any questions about the DLA mailing list, or if you would like to add an event, please contact Kristy Golubiewski-Davis at [kgolubiewskidavis@middlebury.edu](mailto:kgolubiewskidavis@middlebury.edu) .*

*For general questions about the DLA, contact Jason Mittell ([jmittell@middlebury.edu](mailto:jmittell@middlebury.edu)) or Kristy Golubiewski-Davis.*

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