

**Hello Grey House team members and esteemed quaran-teammates!** We are now 403 days into our more-than-a-year-long-incessant team-building adventure! And the 250 tulips I planted last fall have come up. At least some things still happen in the predictable normal way.



**Our theme this week: Things to look forward to in 2021! Well, tulips for sure.**

**Look forward to billions of cicadas** that are expected to emerge in several eastern seaboard states in the next few weeks after 17 years underground, just in time to help orchestrate the soundtrack of summer. Alas, not in North Carolina. Try Virginia.

**Look forward to strolling and picnicking in Sarah B. Duke Gardens, which has reopened** by ticket entry for Duke employees. Tickets are available via the [Duke Box Office](#) . In the meantime, here is a lovely 90 second video tour of the spring blossoms.

- <https://www.youtube.com/watch?v=DhINp9gppVY&t=99s>

**A new pasta shape to look forward to, Cascatelli**, a play on the word for waterfall in Italian, was designed to hold the right amount of sauce with its 90-degree curve and hollow slide-like inside.



**Look forward to visiting the NC State Zoo again.** All sections are open, and my cousin Christa tells me the animals are feeling frisky. I have invitations for groups of up to 8 to have breakfast with the giraffes, or to visit up close with the rhinos. In 2019 we had lunch with polar bears (they got raw fish, we got lasagna and chocolate cake). Team members are welcome to help me organize one of these expeditions!

<https://www.wnct.com/news/north-carolina/missed-the-north-carolina-zoo-all-attractions-will-be-open-this-season/>

**Look forward to this! Bees will be out and about again, looking for nectar.**



### [A Man Found 15,000 Bees in His Car After Grocery Shopping](#)

The man got in his car and drove away, before he heard the sound of the bees. An off-duty firefighter in Las Cruces, N.M., whose hobby is beekeeping, safely removed the swarm from the man's car in an Albertsons supermarket parking lot.

**And Oscar can look forward to his next birthday, this one has been a Duke Blue blast.**



## **Calendar of upcoming Grey House events:**

### **April:**

12: Duke wellness day for students and staff (mandatory meditation, chakras, reflexology, meridians, hot yoga, and aromatherapy, no kidding!)

21: Max Elliott's PhD dissertation oral defense

23: David Corcoran birthday

24: Kyle Bourassa birthday

25: Line Rasmussen birthday

27: Ahmad Hariri birthday

### **May**

1: Masked Ball lunch for Line, Jens, and Oscar at the Macon Farm

5: Avshalom's birthday

14: Avshalom, and maybe Temi, fly to Israel

29: Susan Harward's birthday

31: Line Rasmussen's last day of her postdoc at Duke

### **June:**

4: Honalee's birthday

12: Avshalom's K07 grant submission due at NIA

14: Jasmin's birthday

25: Aaron's birthday

30: Neuroimaging renewal and DunedinPoAm4x applications due at NIA

If you have events coming up, and would like to share them, do let me know. Temi

## **FIRST THE HAPPY NEWS:**

Easter weather was glorious in North Carolina. Perfect for Clara's egg hunt.



## **NEXT, THE UN-HAPPY NEWS:**

May 31 is Line Rasmussen's last day of her postdoc at Duke. But as you know, our trainees *never* escape.

## THIS WEEK'S Science visualizations:

A contest to build dioramas showing scientific advances, using marshmallow peeps. See all contestant entries and vote for your favorite here:

<https://theopennotebook.submittable.com/gallery/3dfe8039-85b6-40c3-a6d8-8e4c1e5f1c06>

### The Finches of Charles Darwin: How He Discovered Evolution

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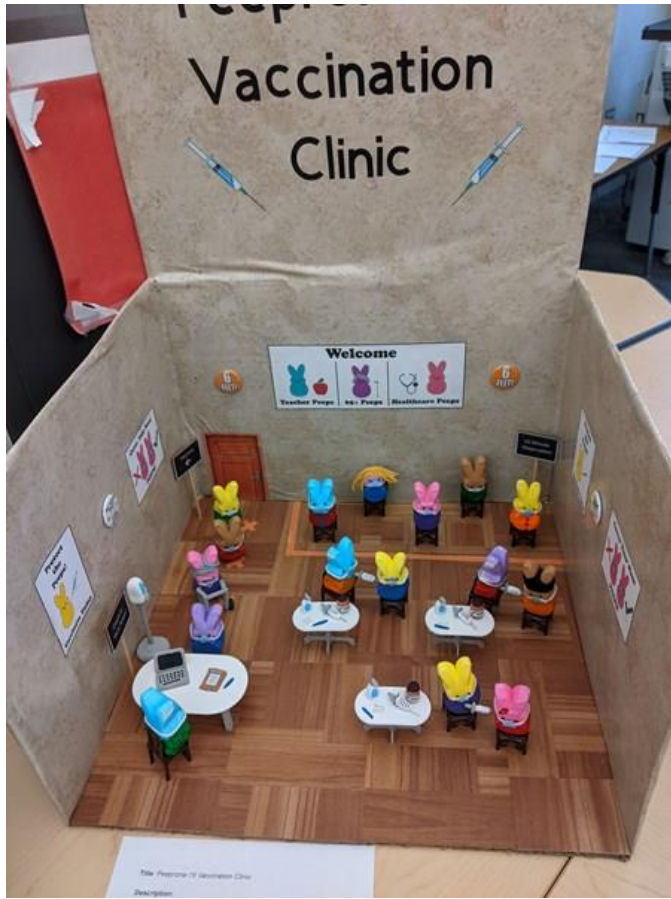




#### Project Description

This scene is a fictionally imagined one in which Darwin is hanging out with all his finches. In reality he observed them all in different places as he traveled on the H.M.S. Beagle and also took some home as specimens. That's how he figured out that a living being changes to fit its environment.

**Team:** Solomon McKay by himself, age 10 / grade 4, Campus School of Smith College, Northampton MA



The Peepronavirus -19 vaccine clinic





## The first open-peep surgery, 1893



### *Team Members*

Lori Heninger, Thea Heninger-Lowell  
Aidan Heninger-Chambers, age 3.5  
years

### *Child/Teen Involvement*

Aidan was instrumental to the diorama as the official peep taste tester and the lead engineer on structural stability as he regularly shook the diorama during construction.



## Isaac Peepton discovers gravity





**The Peep Prism Experiment:** Zev Sunny Dietch is a five-year-old boy who has been out of school since the pandemic. He misses the classroom, but he really enjoys doing hands-on experiments at home. He envisioned this diorama after being told about the contest. He had done an experiment with the sun coming through the window, through a glass of water, and onto the floor as a rainbow. He wanted to show the teacher with a blackboard like his, showing the peep students that “A Sunny Peep Through a Glass Revealed a Rainbow.” He made the lining of the box; he made the window, the sun, the little books on the shelf; and all the ideas were his, including the sunglasses and mustache on the teacher! He said, excitedly, “I never got a diploma for something like this before!” He eagerly awaits a response.

### *Team Members*

Zev Sunny Dietch, age 5

### *Child/Teen Involvement*

Zev made the diorama independently with a little help from Mom and his babysitter. The ideas were all his. He did the writing, the cutting, the coloring, the gluing, made the window, put the sunglasses and mustache on the teacher. He even made the little books.

## **RESEARCH-PROJECT PROGRESS SINCE 29 March:**

### **Christina Carlisi's paper is accepted in Development and Psychopathology!**

"Association of subcortical grey-matter volumes with life-course-persistent antisocial behavior in a population-representative longitudinal birth cohort". **Go, Christina, go!**

**Christina Carlisi has submitted her paper to the Stockholm Criminology Symposium.**

**Jon Schaeffer reports a paper in PNAS this week** from his post doc applying co-twin control models to examine associations between adolescent cannabis use and young adult outcomes (<https://www.pnas.org/content/118/14/e2013180118>).

**Helen Fisher, Temi, and Avshalom submitted their application to the UK MRC for cohort-resource review of the E-Risk Study.** We were approved in 2019, but are required to update the approval before applying for further funding.

**Andrea Danese and Stephanie Lewis submitted their R&R to *British J of Psychiatry*** for "Unravelling the contribution of complex trauma to psychopathology and cognitive deficits: a cohort study. "

**Maria Gehred has a new concept paper:** Studying midlife brain structure in the high-need, high-cost Pareto group in Dunedin.

**Stephanie Langevin has her first concept paper:** Does the heritability of self-control differ in children from high versus low SES families? Quebec twins and E-Risk.

**Jessica Agnew-Blais and Jon Mill have a new concept paper** for a project entitled "Epigenome-wide Association Study of ADHD".

**Rachel Latham and Helen Fisher have a new concept paper for:** "Preliminary investigation of associations between individualised risk at age 12 of future depression and age-18 inflammation in a UK longitudinal cohort study"

**Everyone please send me a few lines about what you are doing, research-wise, so I can add to the next newsletter. Thanks everyone! Temi**

**Ten years ago...**For some reason, I can't help sharing this photo with you. In April 2010, while hiking the Caples Track, Avshalom and I met a group of German medical students who were biking the circumference of New Zealand. They looked very hungry, and had been camping way too long. So, thinking their cycling would take them on the Otago Rail Trail, we invited them to stop at our house, which was just off the rail trail. They showed up a week later, ate absolutely everything we had, slept like logs, and biked merrily away the next day. This is Andre Kirchberger, ten years ago today. He's still in touch with us, and is now a proud new father. I look forward to meeting his son!



**Have a serene week everyone.**



Now it's plum blossom season