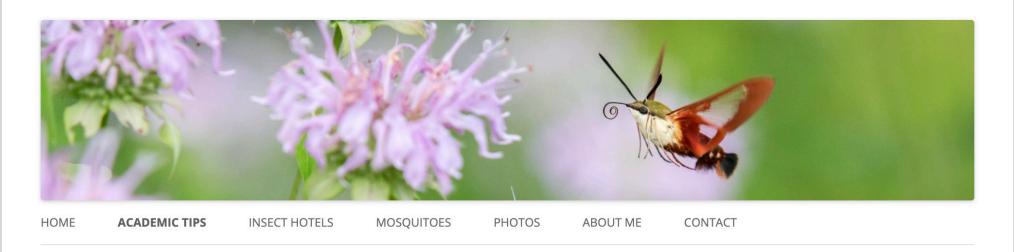
# **Designing Conference Posters in the Humanities**

Phillip Troutman trout@gwu.edu

February 2024

# https://colinpurrington.com/tips/poster-design/



# Designing conference posters

### A one-sentence overview of the poster concept

A large-format poster is a big piece of paper or image on a wall-mounted monitor featuring a short title, an introduction to your burning question, an overview of your novel experimental approach, your amazing results in graphical form, some insightful discussion of aforementioned results, a listing of previously published articles that are important to your research, and some brief acknowledgement of the tremendous assistance and financial support conned from others — if all text is kept to a minimum (500-1000 words), a person could fully read your poster in 5-10 minutes.

## **Downloadable templates**

This is a blog with nature photography, biology-related projects, & geeky tips. All posts by Colin Purrington.

Search
J. L.

### RECENT POSTS

Spartan Mosquito's attorneys quit over unpaid bills
Sorting through guests at my insect

# Alternative approach in rehabilitating the chronically laminitic foot utilizing composite materials

### **Daisy Bicking**

Daisy Haven Farm, Parkesburg, PA 19365

### Introduction

Even after factors causing a horse's laminitis are under control, the difficulties of repairing the damaged feet can lead the owner and veterinarian to consider euthanasia. Many of the animals in this situation can be helped with a carefully designed and placed support device, traditionally fashioned out of metal. But composite materials can also be used, and are especially successful when used in conjunction with x-ray imaging and corrective

This poster uses three horses to show how these materials can be used to improve

### Materials and methods

Utilizing plastic shoes (e.g., EponaShoe), acrylic and urethane glues (e.g., EquiBond), dental impression materials, and hoof casts, we aligned the hoof capsule with the internal structures with the following parameters as our guide:

- 1. Trim and shoe to a 3-5° Palmar P3
- 2. Create a 50/50 base of support around the center of articulation of the Distal Interphalangeal Joint
- 3. Move load sharing of the foot to the caudal region
- 4. Reduce the laminar wedge
- 5. Keep breakover back behind the white line to minimize leverage on the dorsal laminae

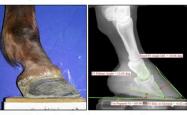


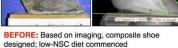


#### Results

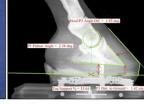
With this protocol, we increased sole depth and observed the new growth of the foot to be in capsular and phalangeal alignment. We have successfully rehabilitated over 50 chronically laminitic horses to their previous levels of soundness, or better, since November 2009. Our overall success rate is

### A. 17 year-old mare with laminitis for 4 years; could barely walk





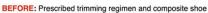




AFTER: Rapid improvement; back under saddle

### B. 16 year-old gelding with laminitis for 2 years and insulin resistance







AFTER: After 4 months at Daisy Haven Farm, back with owner

#### C. 10 year-old gelding "footsore" for 4 years and recurrent lameness



BEFORE: Prescribed trimming regimen, hoof casts, composite shoe, low-NSC diet (for insulin resistance)



AFTER: Back under saddle and jumping within a few months

### Conclusions

When the need for supportive and corrective devices exists, there are alternatives to metal. By utilizing digital x-ray, corrective trimming, and composite materials as prostheses, horses will show rapid improvement.

### Literature cited

O'Grady, SE. 2003. How to restore alignment of P3 in horses with chronic laminitis Pages 337-346 in, Proc 49th AAEP Convention.

Clayton HM, S Gray, LJ Kaiser, and RM Bowker RM. 2011. Effects of barefoot trimming on hoof morphology. Australian Veterinary Journal 89:305-311.

Craig, M. 2005. Shoeing founder with plastic

### Acknowledgements

I would like to thank Dr Mark Donaldson of Unionville Equine Associates (Oxford, PA), and Dr Karen Gellman, Dr Judith Shoemaker, Stacie Shain, and Terry Boswell for reviewing my poster. Special thanks to Fran Jurga for her support and encouragement, and the Penn Vet Laminitis Institute for opening the poster forum to allow me the opportunity to present this information to my peers.

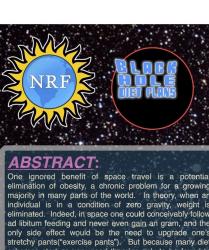
#### **Further information**

Please visit www.daisyhavenfarm.com for more information, or contact me at 610-476-6900 or

daisyhavenfarm@gmail.com.



# **Bad Poster Design**



PIGS IN SPACE:
EFFECT OF ZERO GRAVITY AND
AD LIBITUM FEEDING ON WEIGHT
GAIN IN CAVIA PORCELLINS

Colin B. Purrington 6673 College Avenue, Swarthmore, PA 19081 USA



SPACEEXES

elimination of obesity, a chronic problem for a growing majority in many parts of the world. In theory, when an ad libitum feeding and never even gain an gram, and the only side effect would be the need to upgrade one's stretchy pants("exercise pants"). But because many diet schemes start as very good theories only to be found to be rather harmful, we tested our predictions with a longterm experiment in a colony of Guinea pigs (Cavia porcellus) maintained on the International Space Station. Individuals were housed separately and given unlimited amounts of high-calorie food pellets. Fresh fruits and vegetables were not available in space so were not offered. Every 30 days, each Guinea pig was weighed. weight appeared to be gained over the duration of the protocol. If space continues to be gravity-free, and we believe that assumption is sound, we believe that sending the overweight — and those at risk for overweight — to space would be a lasting cure

### INTRODUCTION:

The current obesity epidemic started in the early 1960s with the invention and proliferation of elastane and related stretchy fibers, which released wearers from the rigid constraints of clothes and permitted monthly weight gain without the need to buy new outfits. Indeed, exercise today for hundreds of million people involve only the act of wearing stretchy pants in public, presumably because the constrictive pressure forces fat molecules to adopt a more compact tertiary structure (Xavier 1965).

Luckily, at the same time that fabrics became stretchy, the race to the moon between the United States and Russia yielded a useful fact: gravity in outer space is minimal to nonexistent. When gravity is zero, objects cease to have weight. Indeed, early astronauts and cosmonauts had to secure themselves to their ships with seat belts and sticky boots. The potential application to weight loss was noted immediately, but at the time travel to space was prohibitively expensive and thus the issue was not seriously pursued. Now, however, multiple companies are developing cheap extra-orbital travel options for normal consumers, and potential travelers are also creating news ways to pay for products and services that they cannot actually afford. Together, these factors open the possibility that moving to space could cure overweight syndrome quickly and permanently for a large number of humans.

We studied this potential by following weight gain in Guinea pigs, known on Earth as fond of ad libitum feeding. Guinea pigs were long envisioned to be the "Guinea pigs" of space research, too, so they seemed like the obvious choice. Studies on humans are of course desirable, but we feel this current study will be critical in acquiring the attention of granting agencies.

### **MATERIALS AND METHODS:**

One hundred male and one hundred female Guinea pigs (<u>Cavia</u> porcellus) were transported to the International Space Laboratory in 2010. Each pig was housed separately and deprived of exercise wheels and fresh fruits and vegetables for 48 months. Each month, pigs were individually weighed by ductaping them to an electronic balance sensitive to 0.0001 grams. Back on Earth, an identical cohort was similarly maintained and weighed. Data was analyzed by statistics.

### RESULTS:

Mean weight of pigs in space was 0.0000 +/- 0.0002 g. Some individuals weighed less than zero, some more, but these variations were due to reaction to the duct tape, we believe, which caused them to be alarmed push briefly against the force plate in the balance. Individuals on the Earth, the control cohort, gained about 240 g/month (p = 0.0002). Males and females gained a similar amount of weight on Earth (no main of effect of sex), and size at any point during the study was related to starting size (which was used as a covariate in the ANCOVA). Both Earth and space pigs developed substantial dewlaps (double chins) and were lethargic at the conclusion of the study.



### **CONCLUSIONS:**

Our view that weight and weight gain would be zero in space was confirmed. Although we have not replicated this experiment on larger animals or primates, we are confident that our result would be mirrored in other model organisms. We are currently in the process of obtaining necessary human trial permissions, and should have our planned experiment initiated within 80 years, pending expedited review by local and Federal IRBs.

### **ACKNOWLEDGEMENTS**:

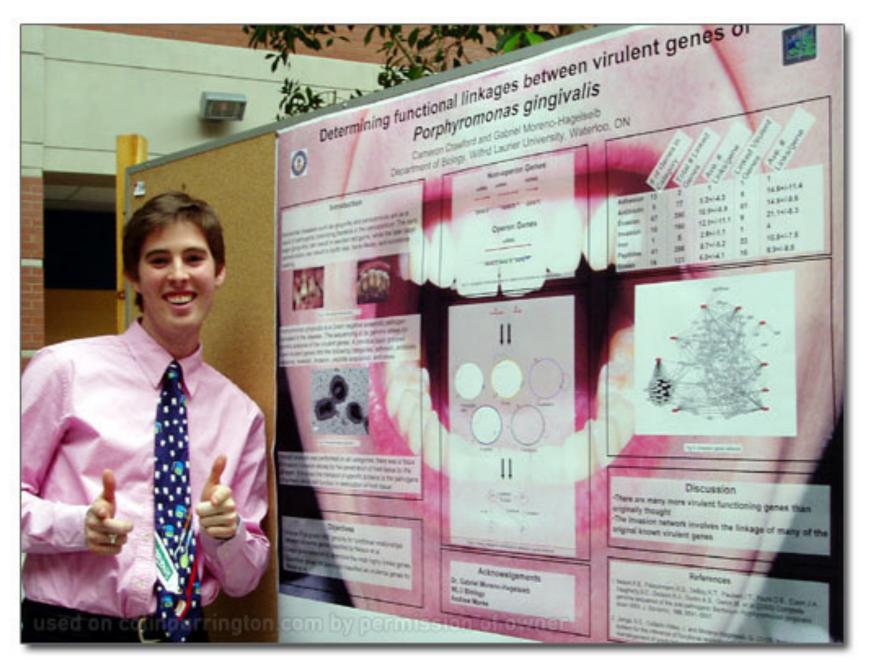
I am grateful for generous support from the National Research Foundation, Black Hole Diet Plans, and the High Fructose Sugar Association. Transport flights were funded by SPACE-EXES, the consortium of wives divorced from insanely wealthy space-flight startups. I am also grateful for comments on early drafts by Mañana Athletic Club, Corpus Christi, USA. Finally, sincere thanks to the Cuy Foundation for generously donating animal care after the conclusion of the study.

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Sekulić, S.R., D. D. Lukač, and N. M. Naumović. 2005. The Fetus Cannot Exercise Like An Astronaut: Gravity Loading Is Necessary For The Physiological Development During Second Half Of Pregnancy. Medical Hypotheses. 64:221-228

Xavier, M. 1965. Elastane Purchases Accelerate Weight Gain In Case-control Study. <u>Journal of Obesity</u>. 2:23-40.



https://colinpurrington.com/tips/poster-design/

# http://fredgibbs.net/posts/consider-the-poster

fred gibbs HOME ABOUT PROJECTS COURSES TUTORALS POSTS CV

# **Consider the Poster**

At the AHA 2015 meeting in NYC, I had the opportunity to present a poster that featured the tremendously valuable tutorials at the <u>Programming Historian</u>. Click on the digital version below to get a *much* larger version, and get ready to zoom and scroll.



### **GOALS**

to facilitate **explicit conversations** about emerging possibilities for **historiography pedagogy** 

to encourage linking contemporary digital media and history consumption to typical historiography courses

to retool historiography courses as provocative gateway courses to **counter declining numbers of history majors** 

to **inspire creativity in evaluating and reconceptualizing** what historiography has been and what it should be for ALL students

### **MOTIVATIONS**

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Yet historiography courses seem to live in an echo chamber and largely neglect the extent to which social media and digital publishing technologies (Facebook, Twitter, Wikipedia, Instagram, blogging platforms, etc) have reconfigured the nature of historiography itself.

While the fields of Digital Humanities and Media Studies have occasionally ventured into historiographical territory, the many new digital processes by which we construct cultural memory and historical awareness have not become significant historiographical considerations.

### **PROPOSITIONS**

Historiography courses should more explicitly **engage with contemporary digital media** as a unique development that casts many of historiography's traditional concerns in a new and revealing light — and simultaneously **gives historiography a new significance** in the 21st century.

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Our historiography syllabi should **embody and foreground the diversity, plurality, multiculturalism, and contemporary relevance** that underlie the value of the humanities.

# AN INQUIRY INTO THE FUTURE OF HISTORIOGRAPHICAL PEDAGOGY

AND/OR

REFASHIONING HISTORIOGRAPHY FOR A 21ST-CENTURY AUDIENCE



**REDEFINING** 

the actual writing of history.

HISTORIOGRAPHY

although typically avoided

HERE, HISTORIOGRAPHY REFERS to the general, field-agnostic study of how historians have written history

and why methods and styles have changed; it also includes

IT IS DISTINCT FROM HISTORICAL METHODS

**NEW OPPORTUNITY** 

IN UNDERSTANDING CULTURAL NARRATIVES

and how historiography can facilitate cultural criticism and

BY EXPANDING IT to include myriad forms of historical

writing, how it's designed, produced, accessed, appropriated,

Certainly there are many progressive and creative historiography courses that already pursue many of the aims outlined here. If you already have a syllabus that you're

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PRESENTS A

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What do we value? Why? By what principles are courses are created?

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What genres of historical writing matter?

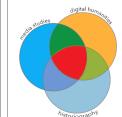
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decolonize

How much do formulaic historiography courses reify the coloniality that so much recent historical work seeks to diminish? Consider the standard historiography course: Whose histories are most represented? Whose are systematically excluded? How much is it saddled by (western) historiographical convention? What happens if we unlink from tradition and reformulate from first principles?

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a fixed set of information possessed by people; a system of understanding or a body of ideas which give shape to theoretical

While there is significant value in outlining the way historical writing and thinking has changed over time, historiography courses might focus less on content delivery and more on the application of historiographical lessons to contemporary cultural harratives generally.

This is where the *graphesis* of the digital world becomes so crucial in historiography courses — to bring the rich history of cultural epistemology to bear on 21st-century information

WHAT IF HISTORIOGRAPHY FOCUSED ON LINKING PAST AND PRESENT NARRATIVITY RATHER THAN THE TYPICAL PAEAN TO CANONICAL THINKERS?





### fred gibbs

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Historiography is, in a sense, the last colonial frontier, a kind of dysfunctional family reunion. Whom should the next generation believe: the paternalistic excolonizer or the unleashed native? Davio A Chappell

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**HOW MUCH** should historiography courses encompass **RESEARCH METHODS**?

# Fred Gibbs, AHA 2019, http://fredgibbs.net/posts/consider-the-poster



# **Typographical allusion:**

Funky 1970s typeface (Schoolhouse Rock?)
Nostalgia, playfulness, creativity

Mod 1970s typeface (Dawn of the consumer computer age) Clean, futuristic, forward-thinking

American typewriter to echo the cartoon

AN INQUIRY INTO
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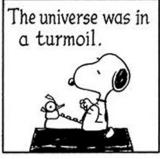
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# Typographical emphasis

**Keywords in larger, bold typeface** 

**Definitions italicized** 

Other text chunked

Question in red all caps



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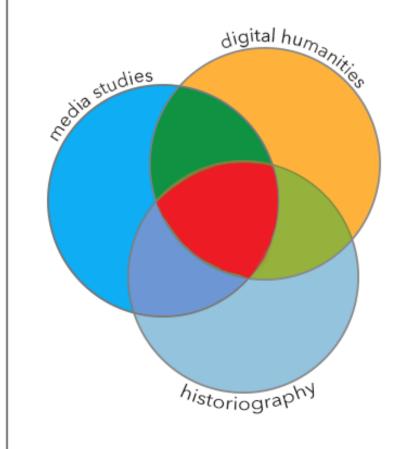
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what people can do; a state of capacity to make; the rational method involved in producing an object or accomplishing a goal

# Image summarizes text

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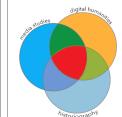
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