



You and Your Ph.D.

matt.might.net



What is a grad school?

What is research?

Tips for success

What is a grad school?

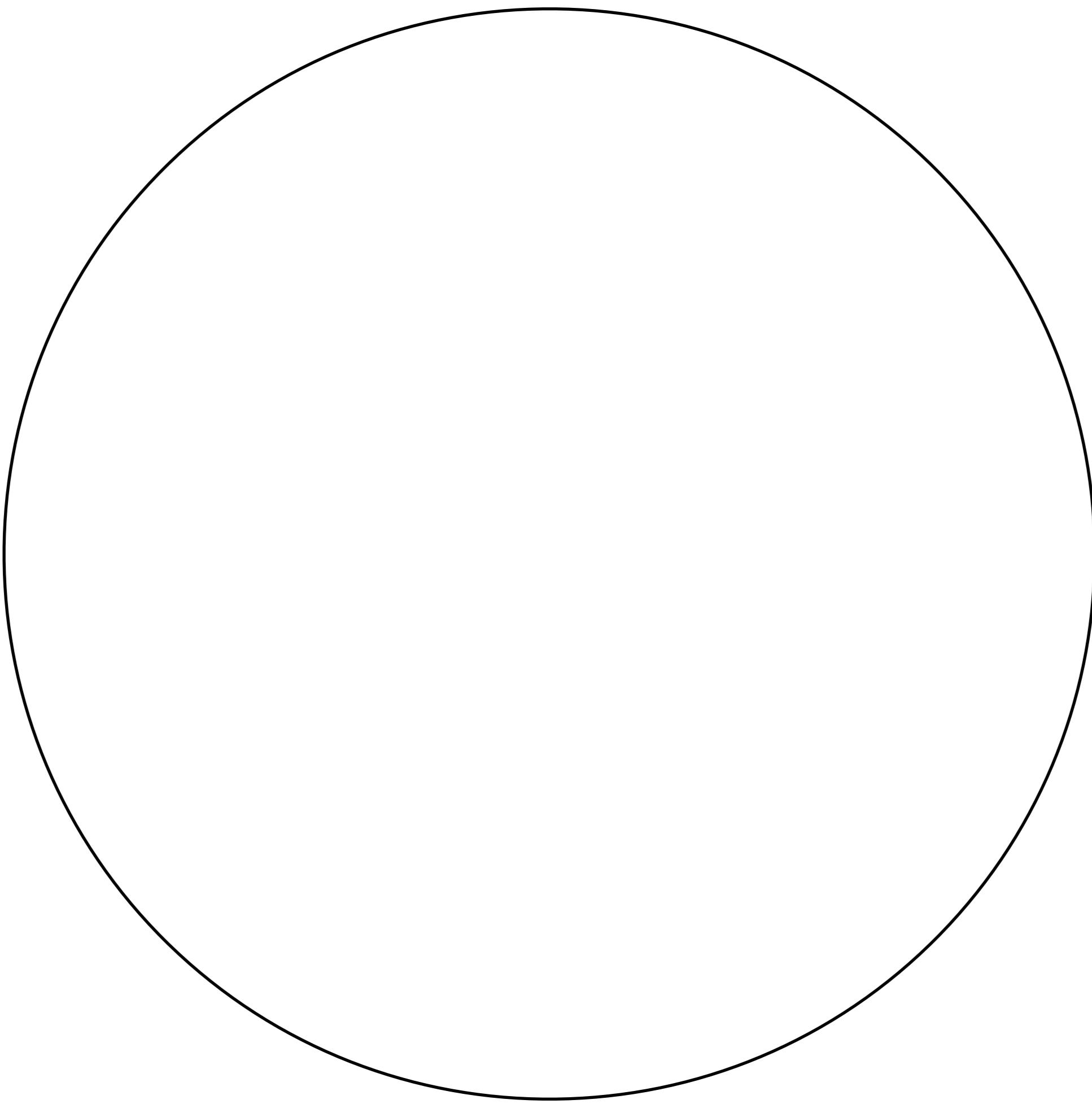
Learning?

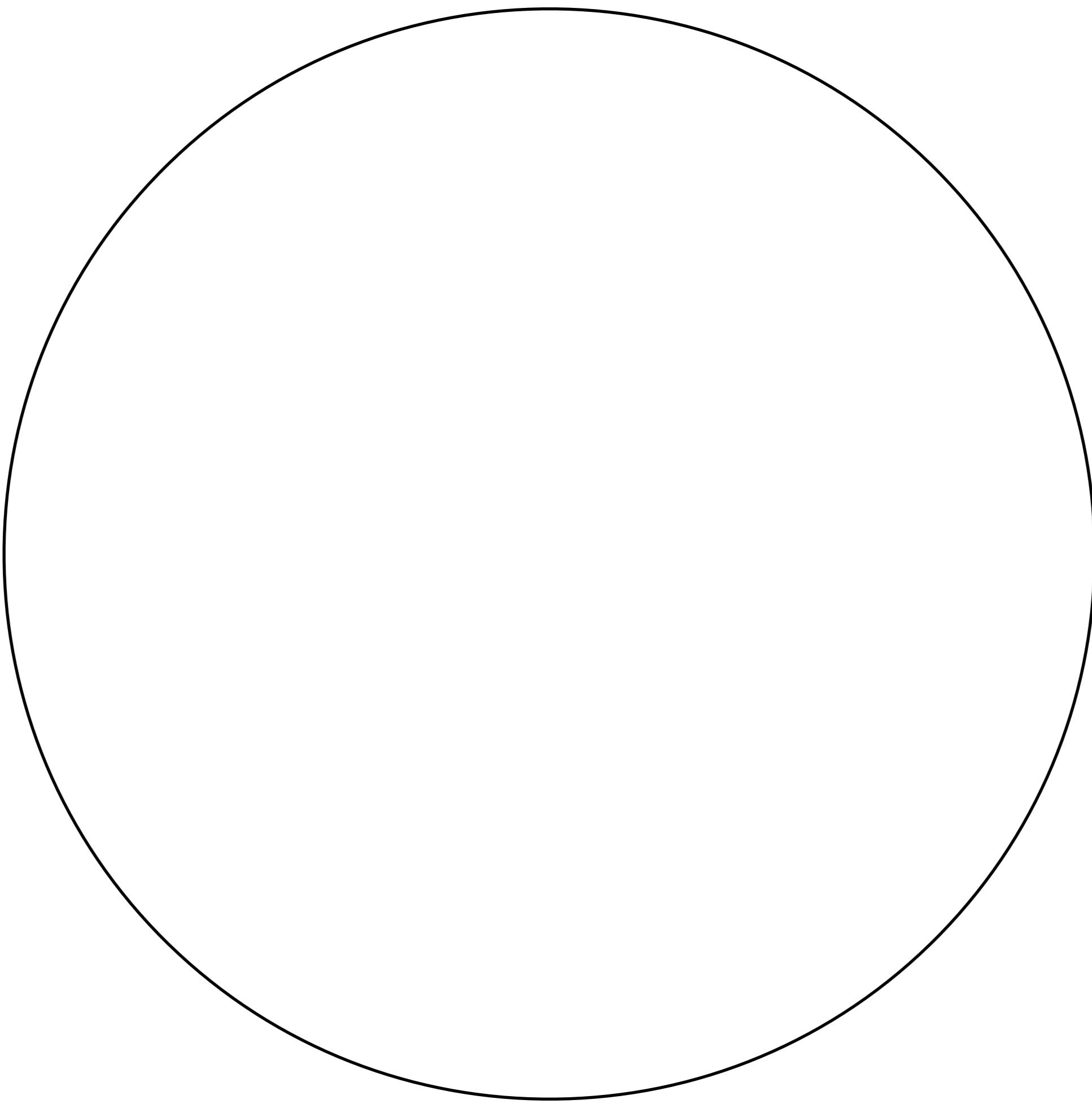
Science!

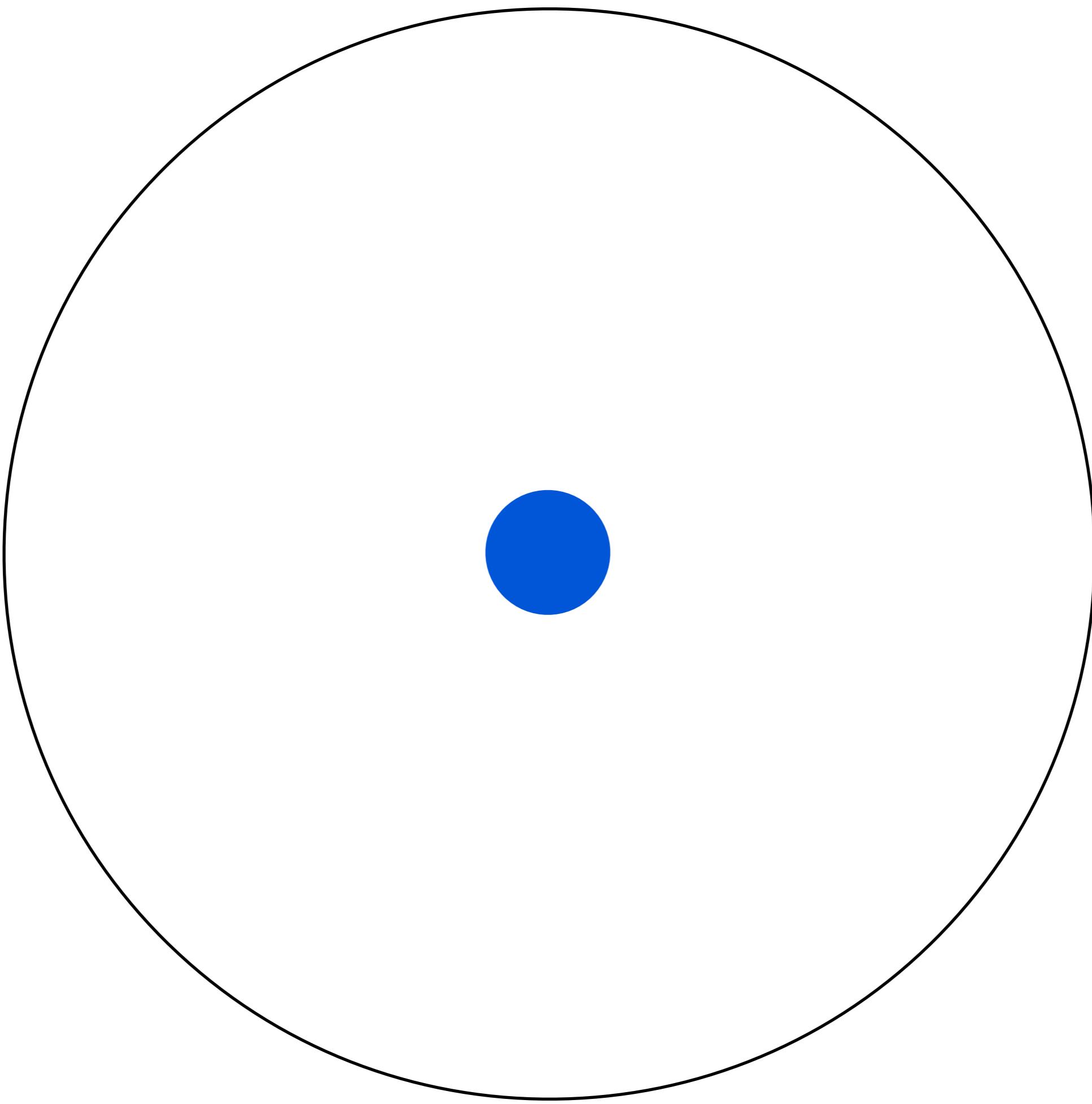
What is Science?

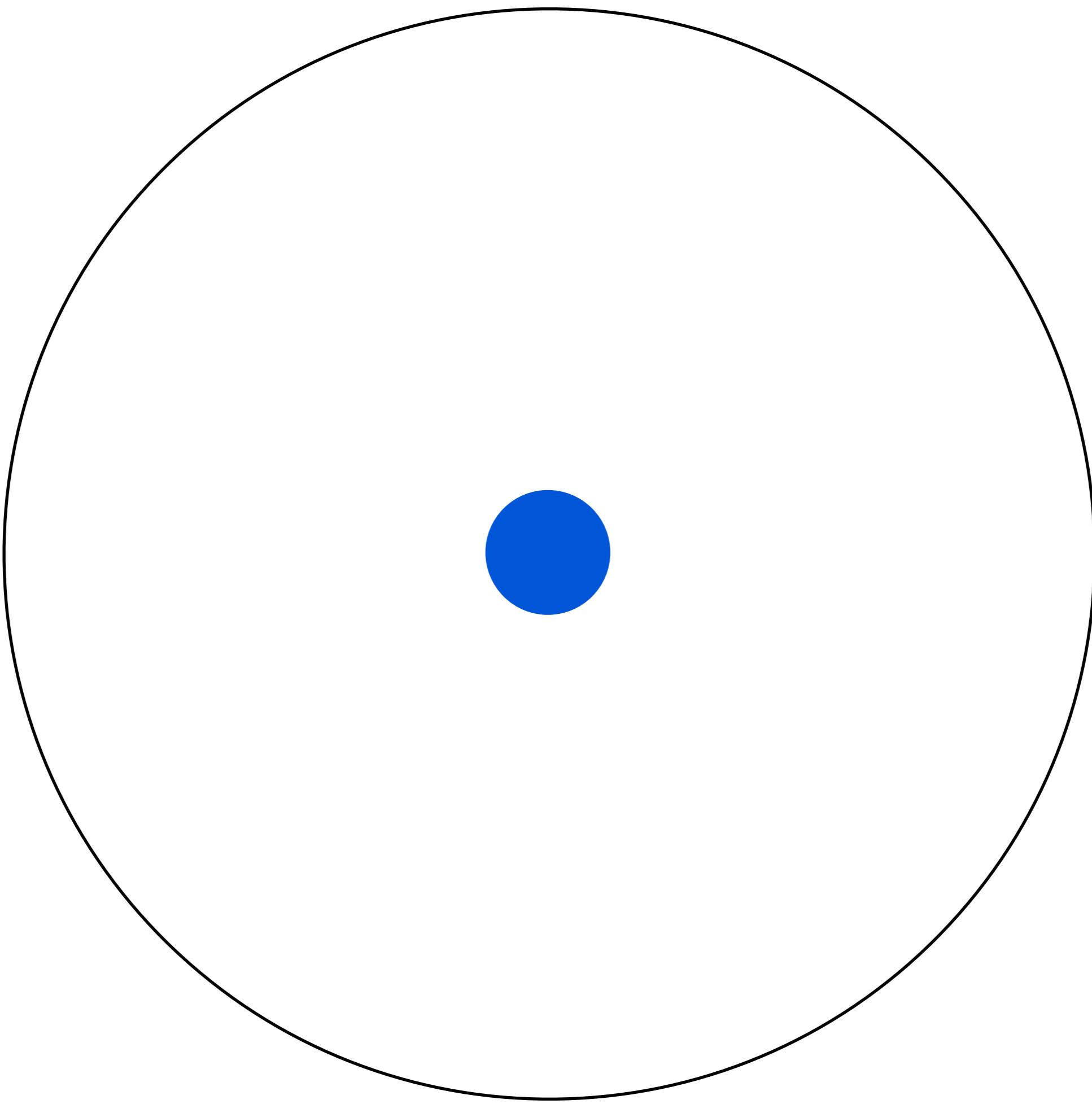
“Whatever Ph.D.s do”

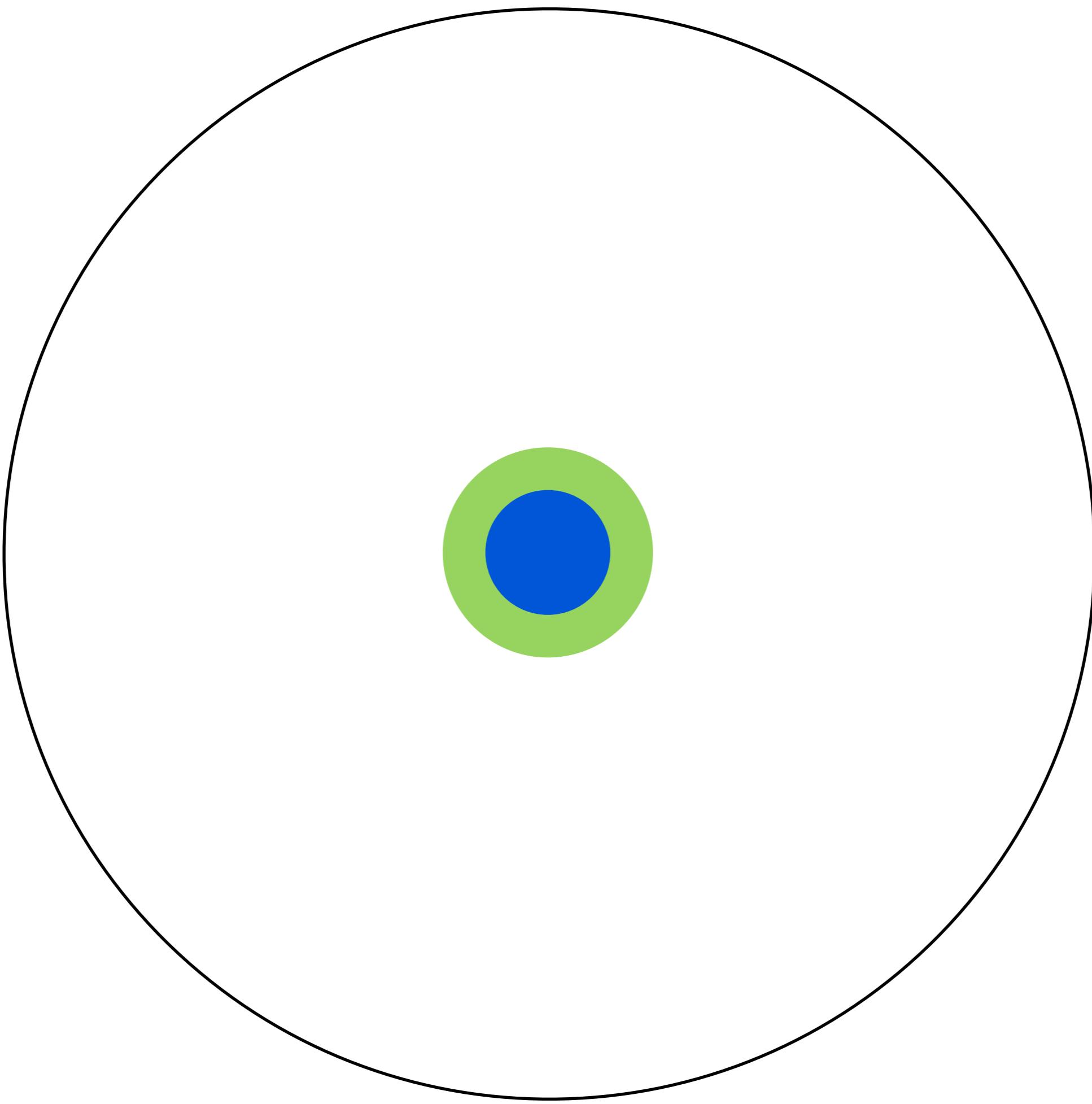
What is a Ph.D.?

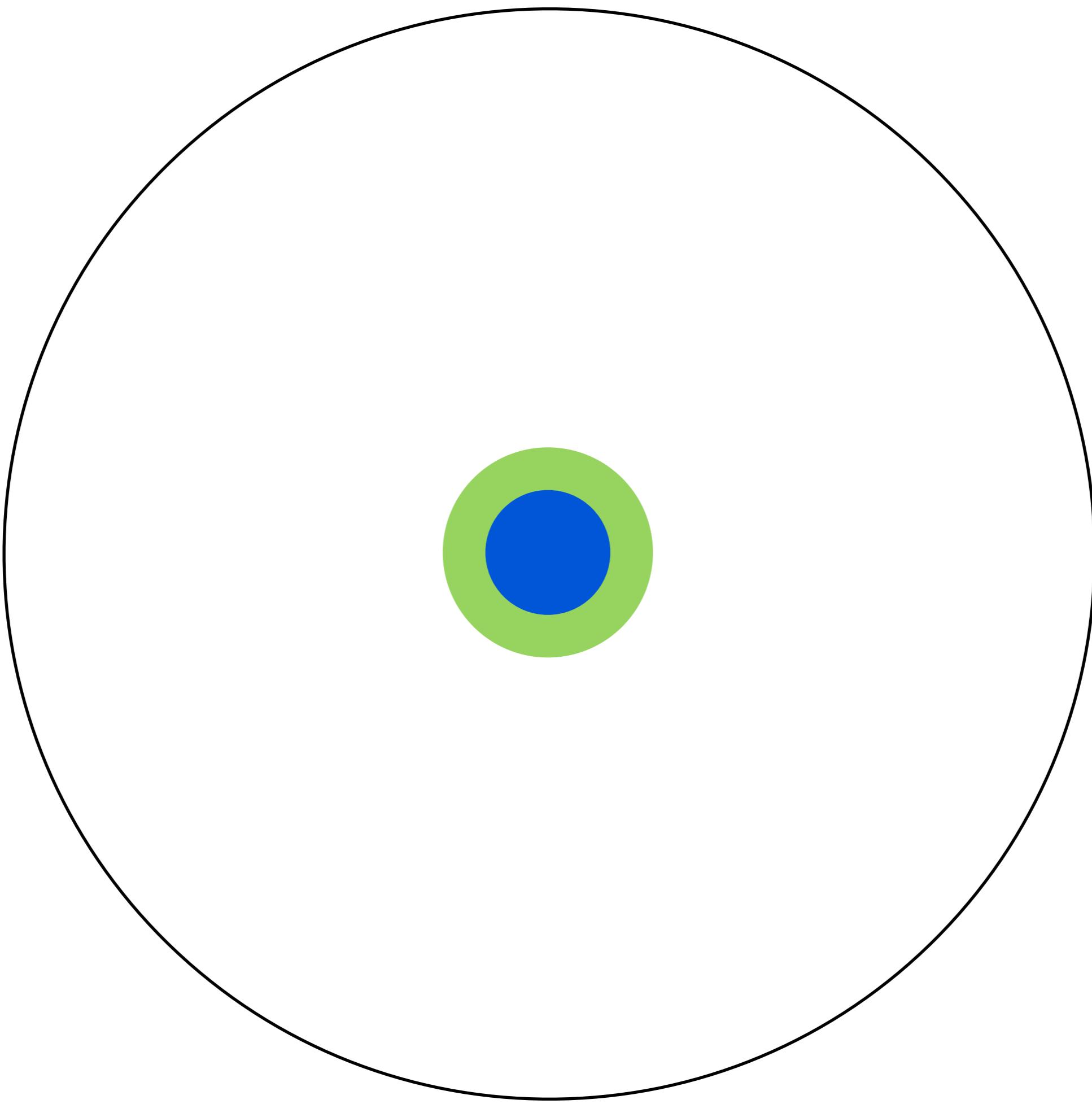


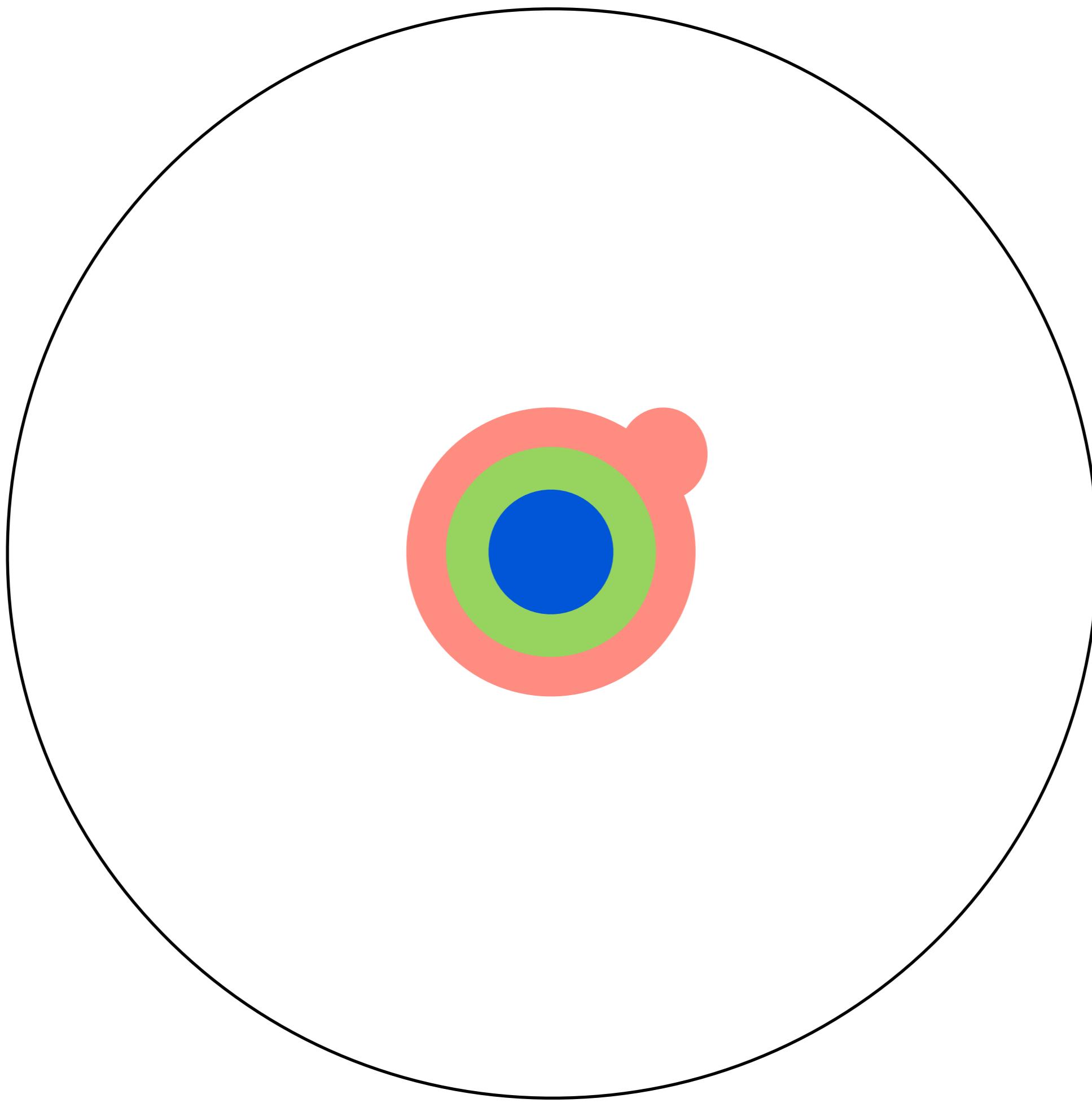


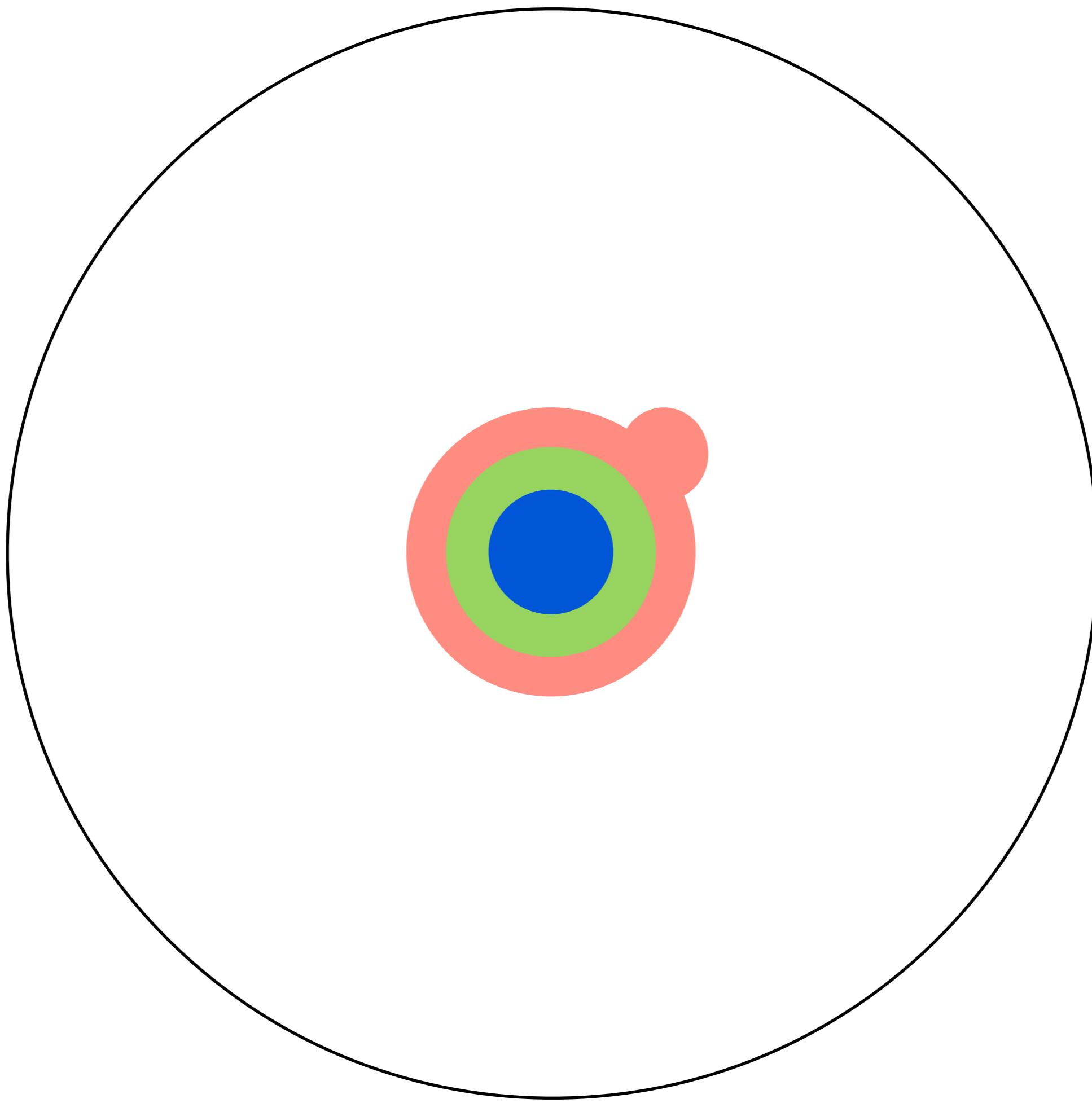


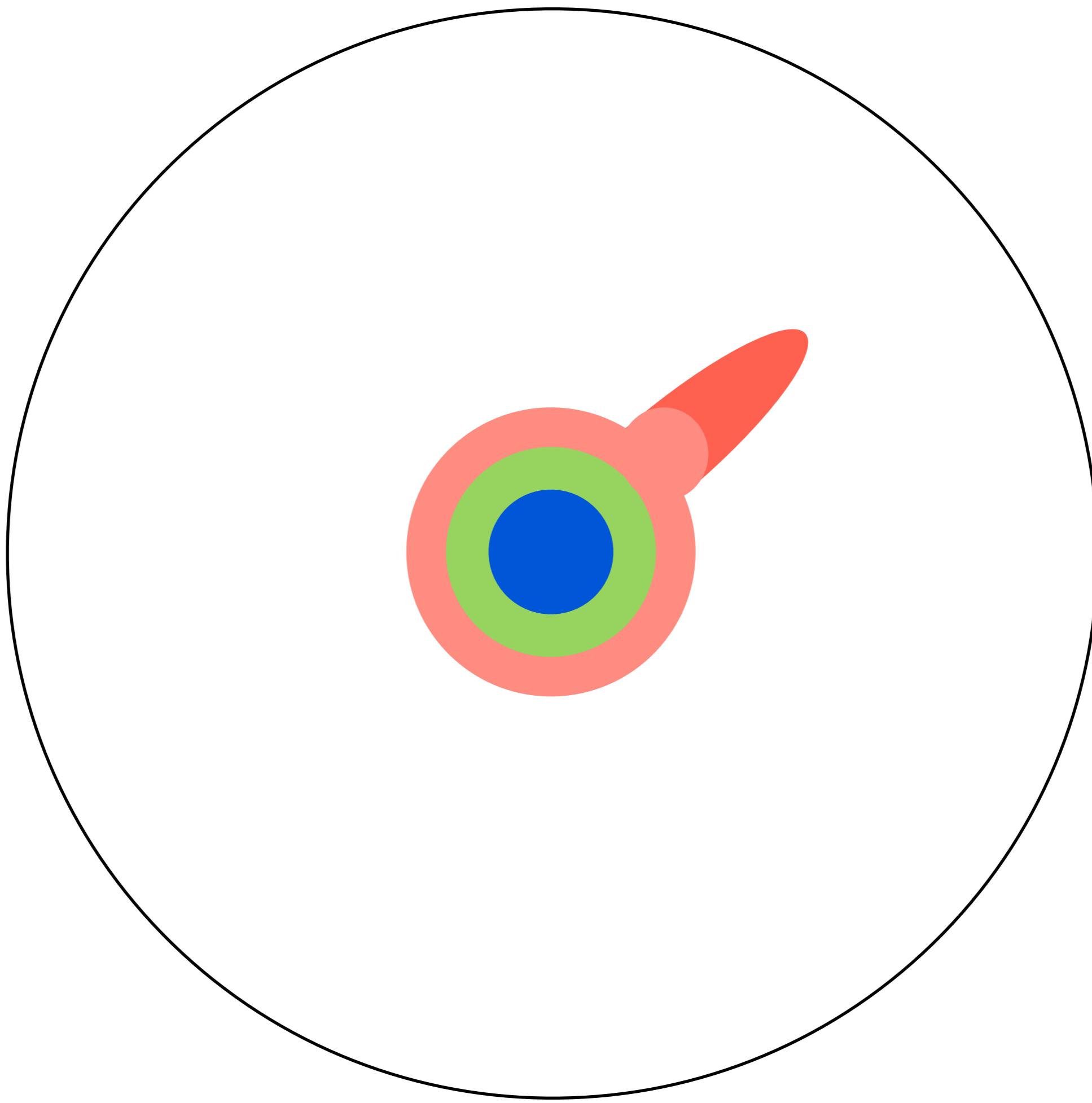


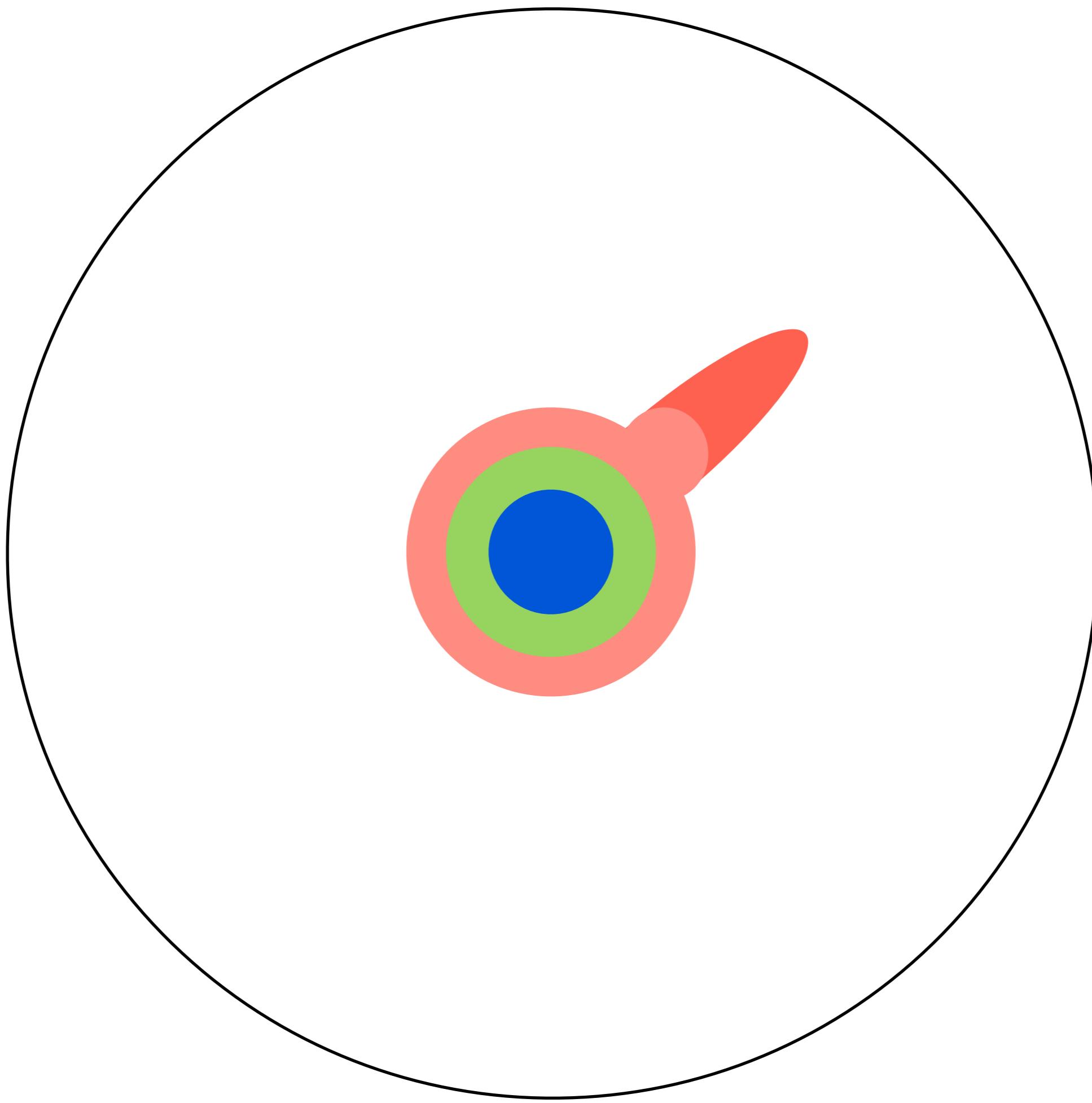


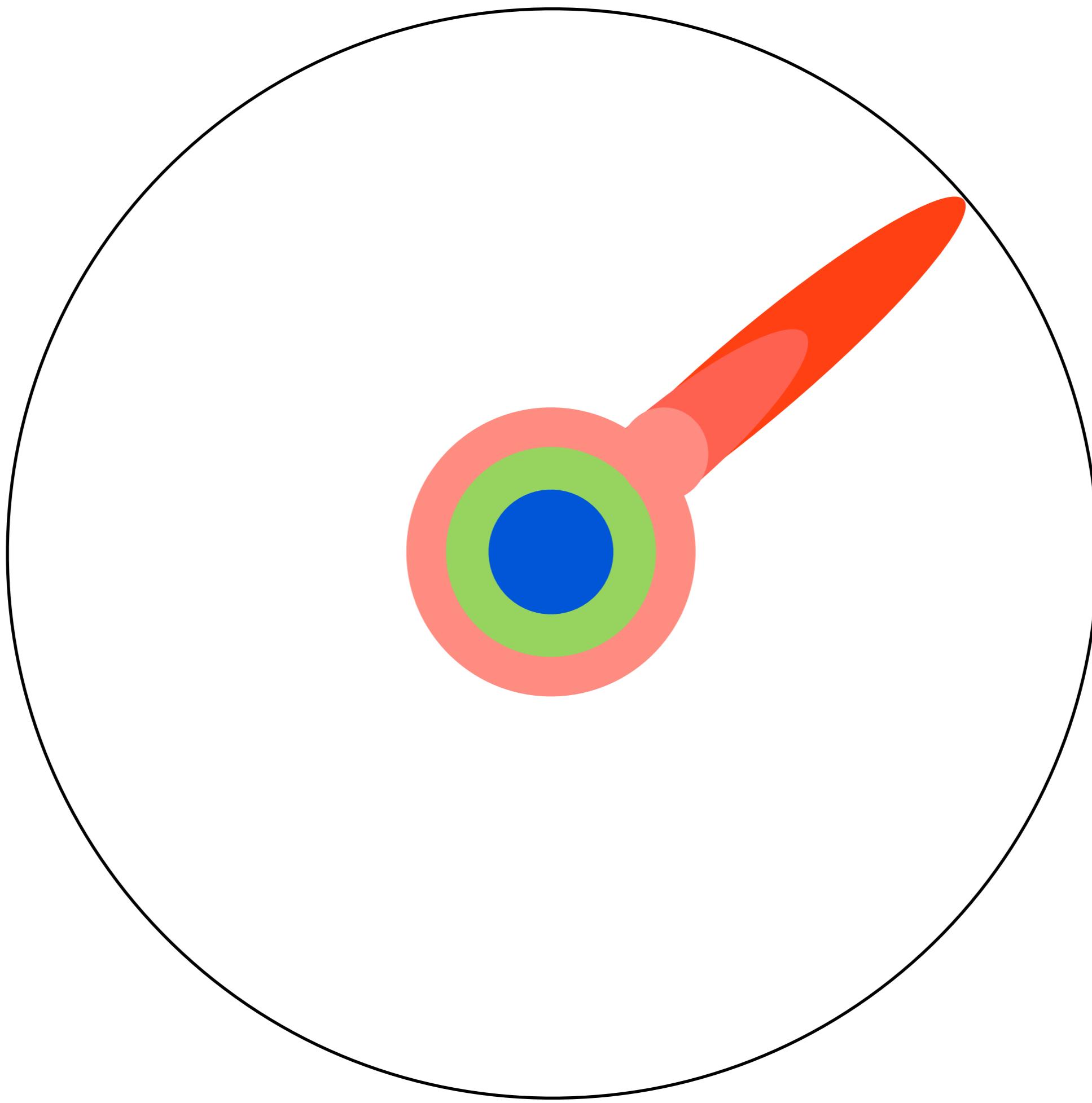


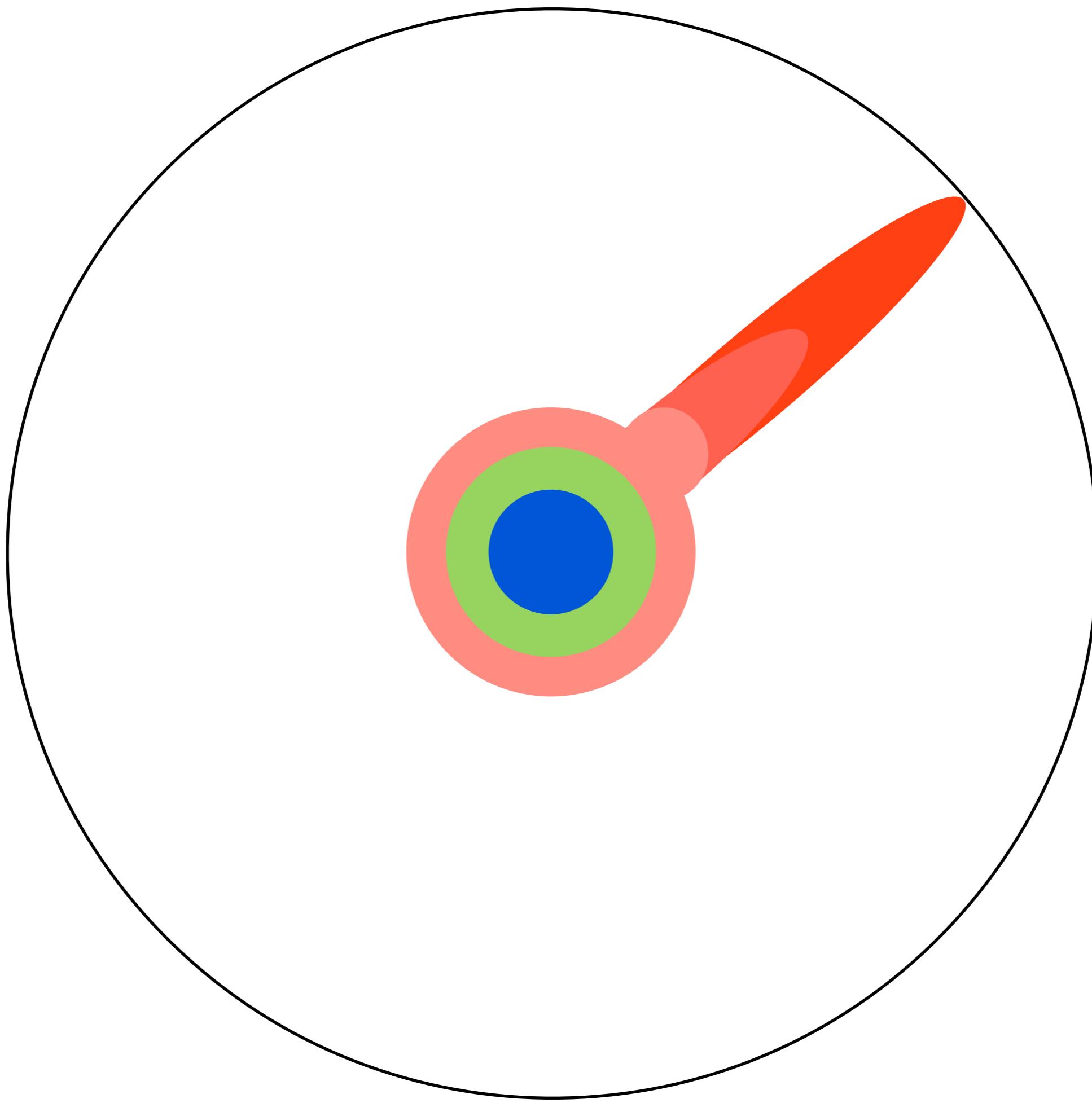


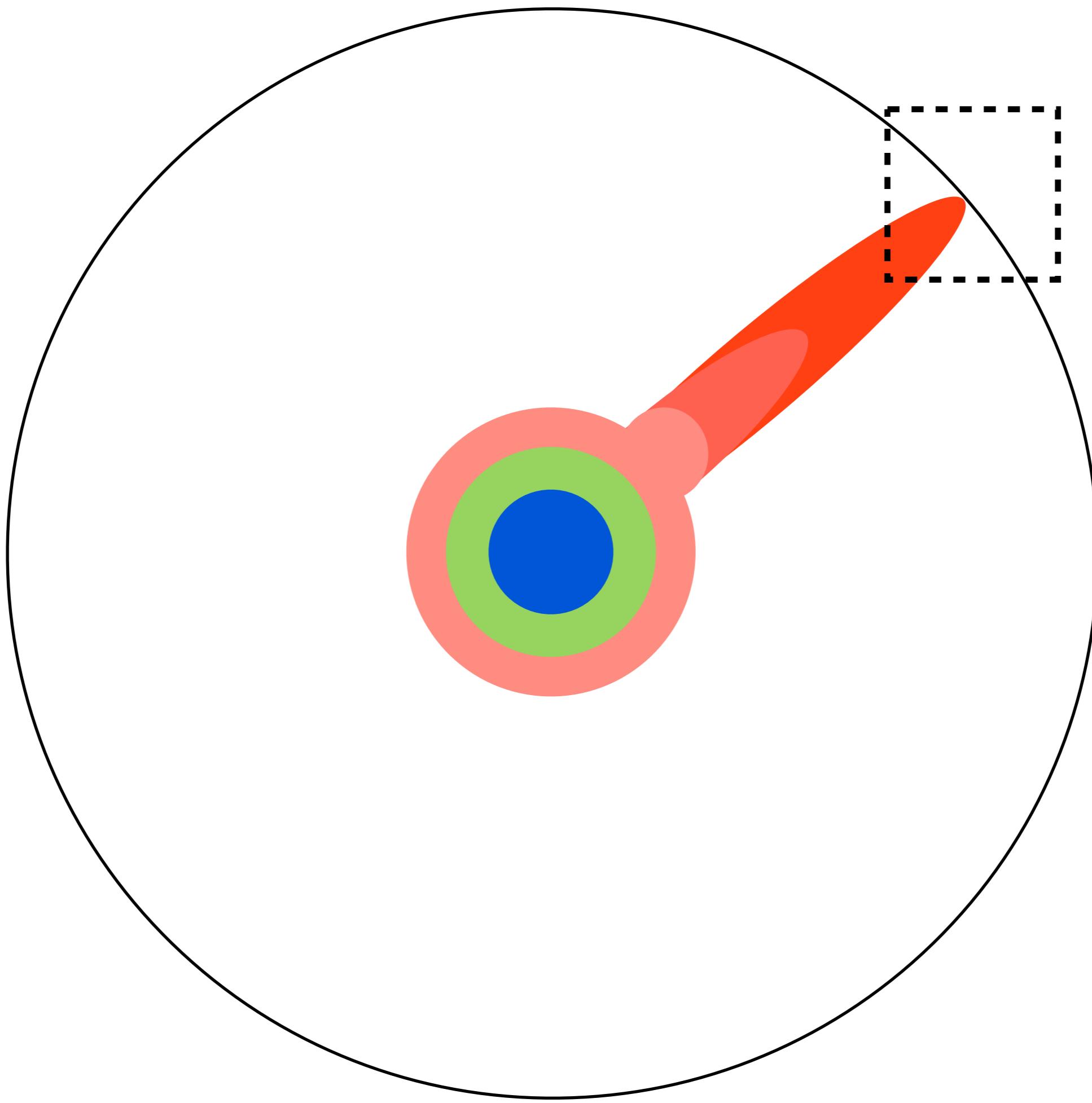


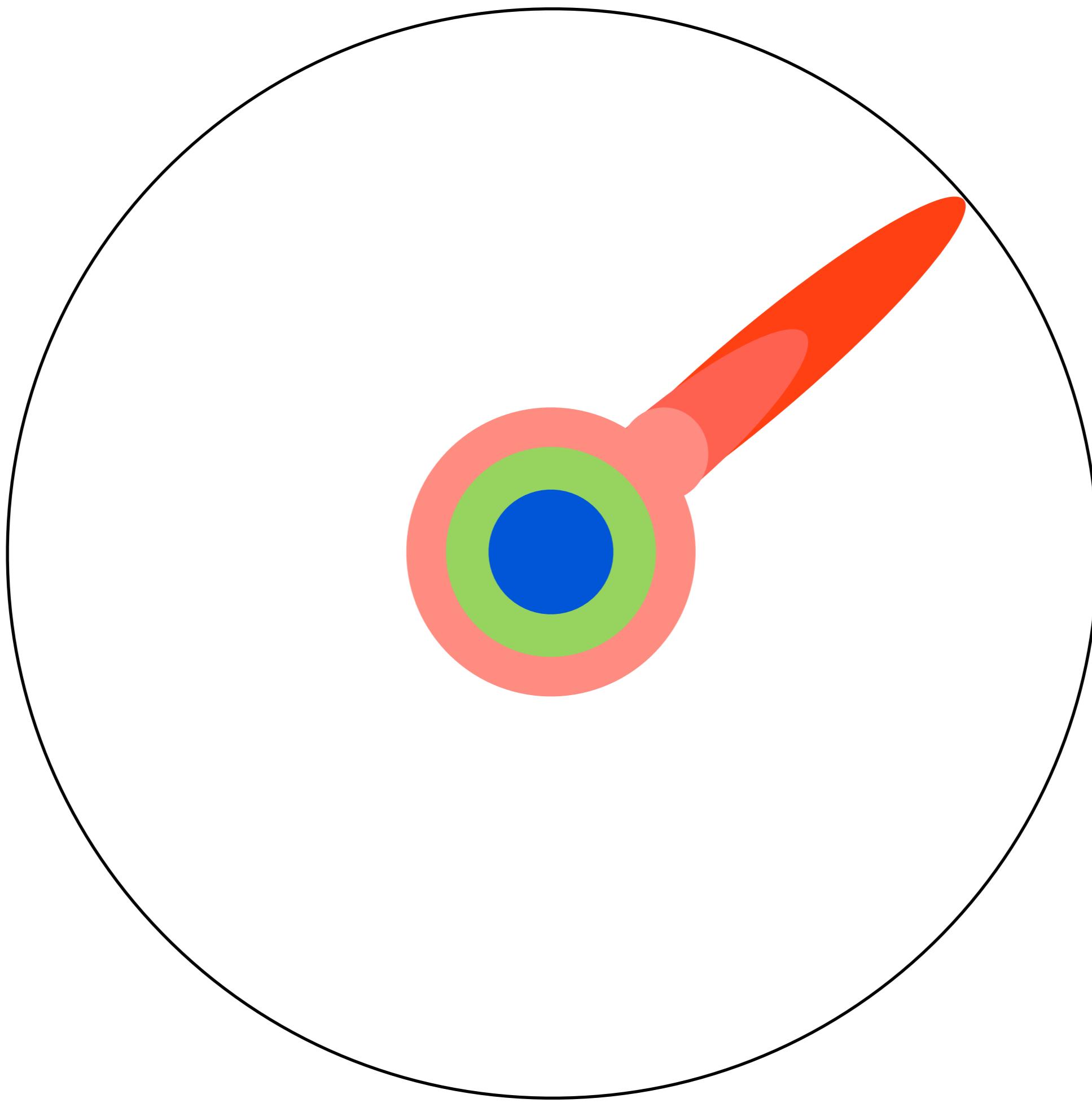


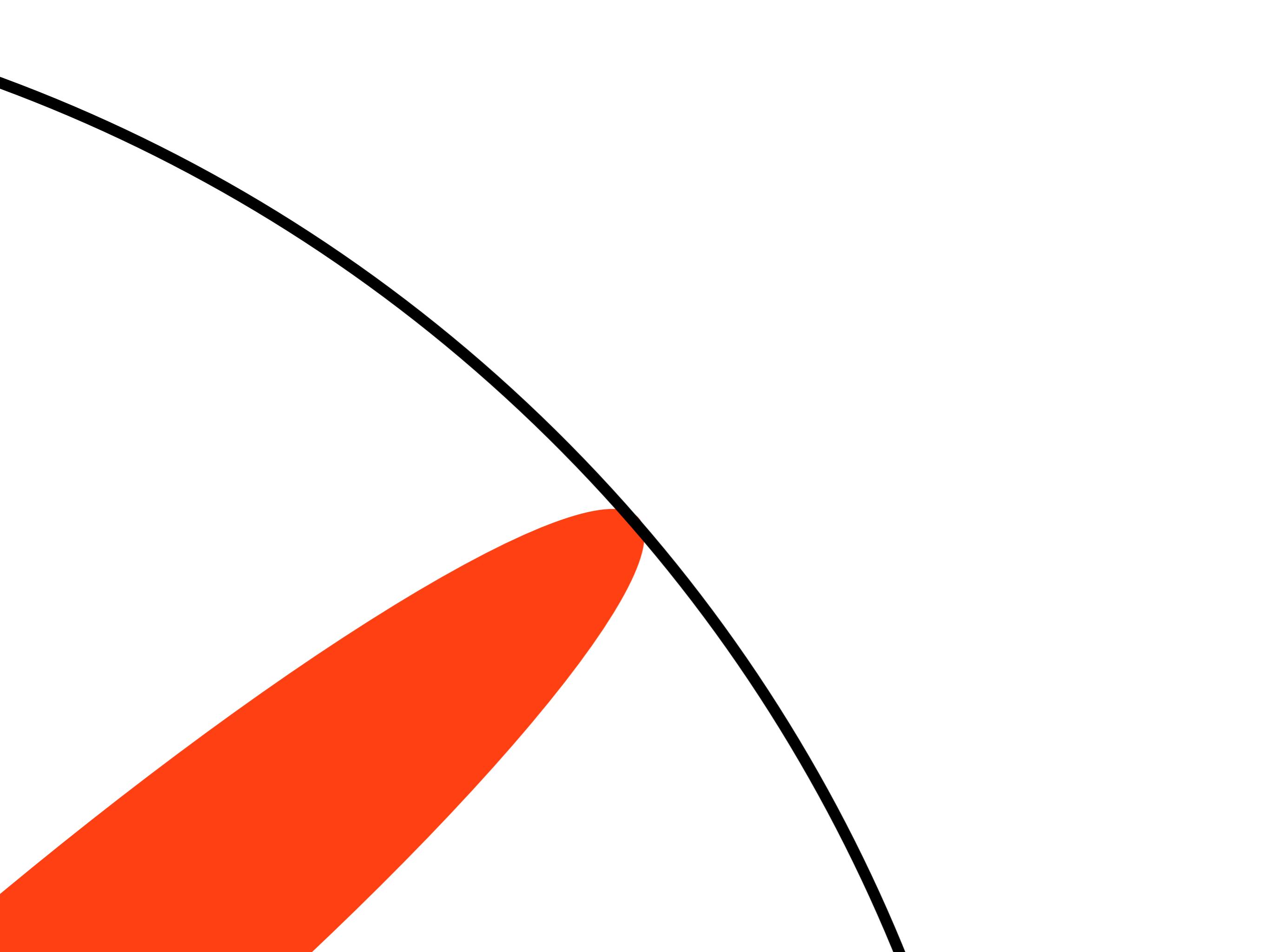


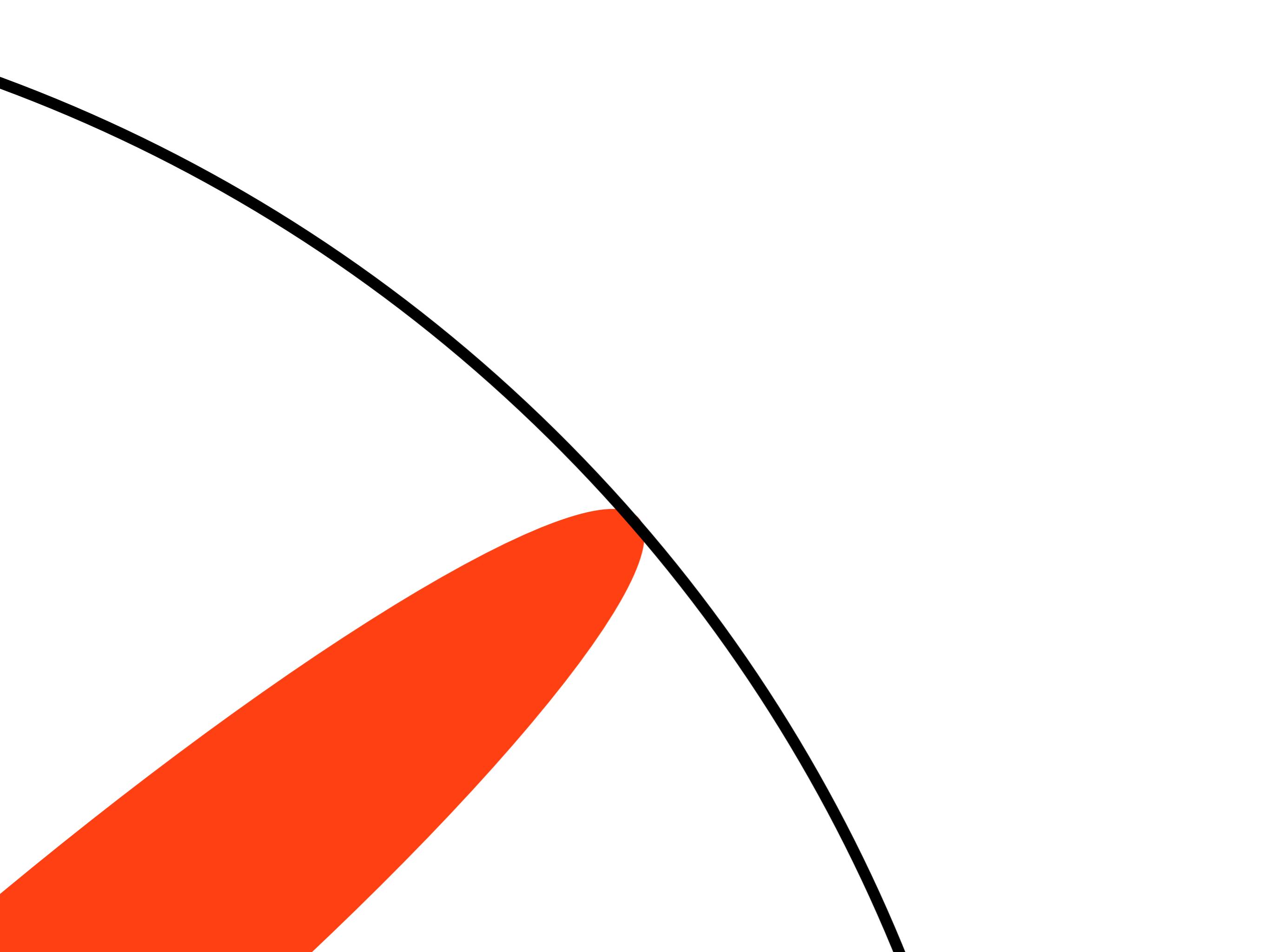


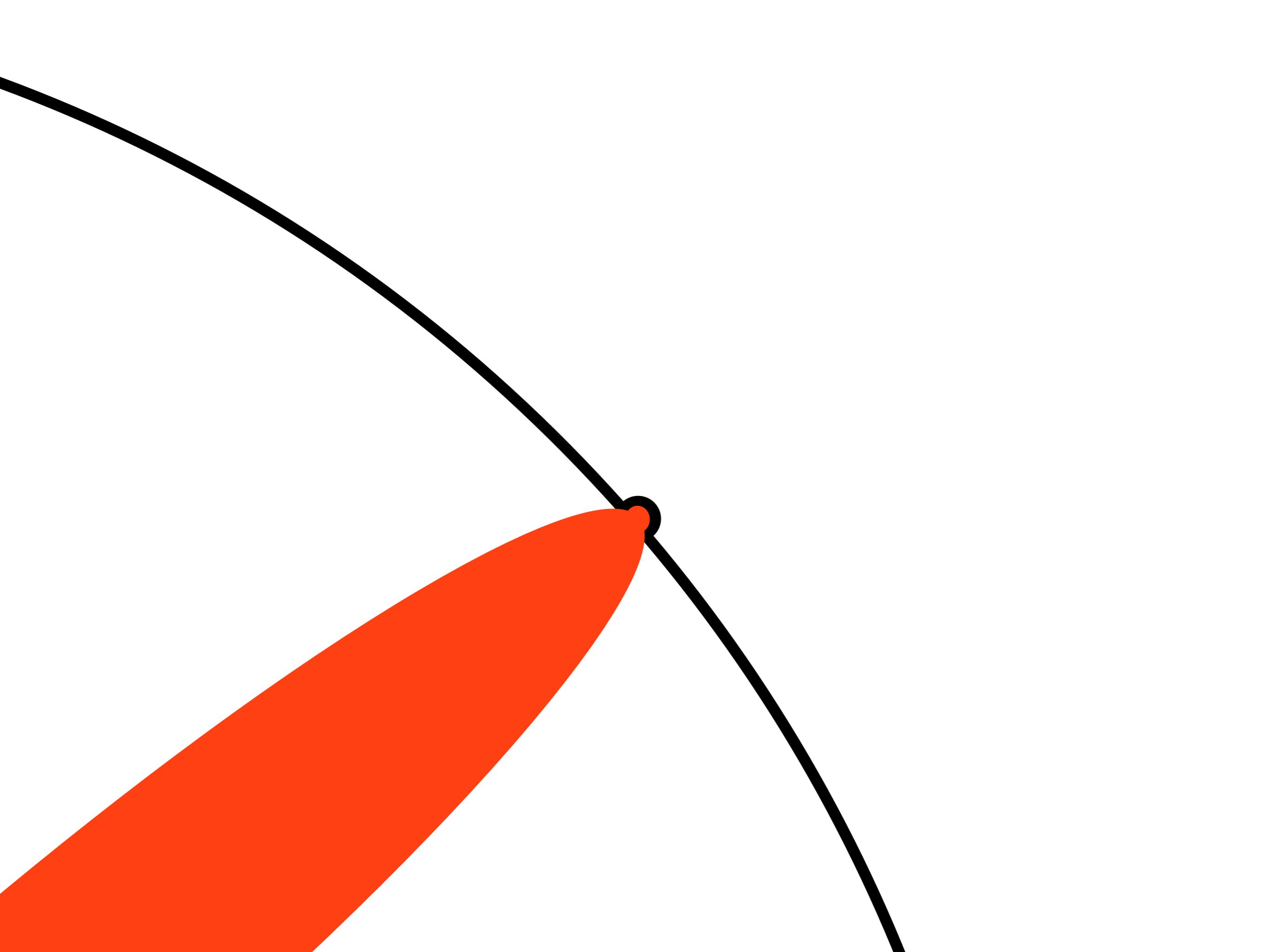


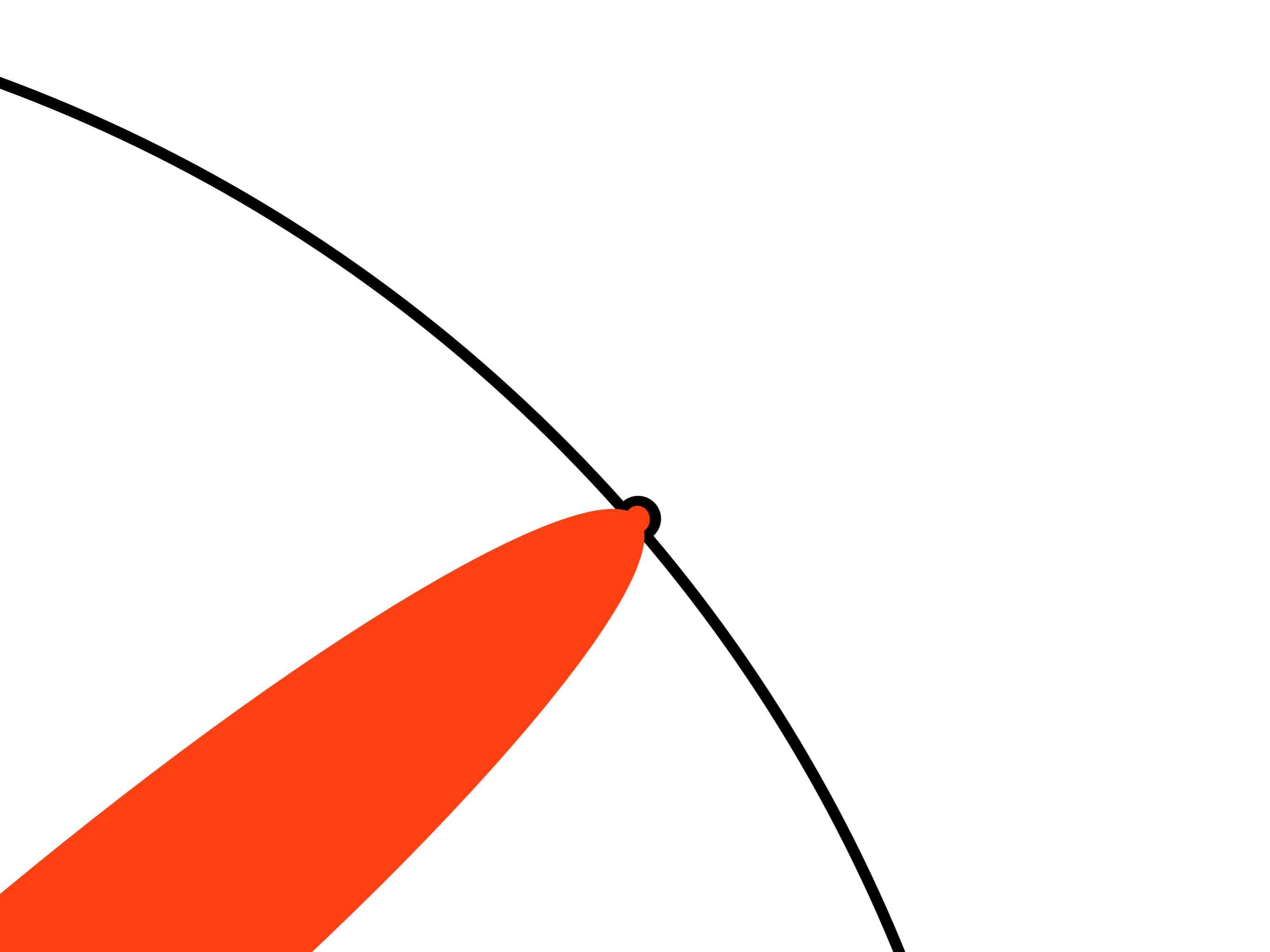


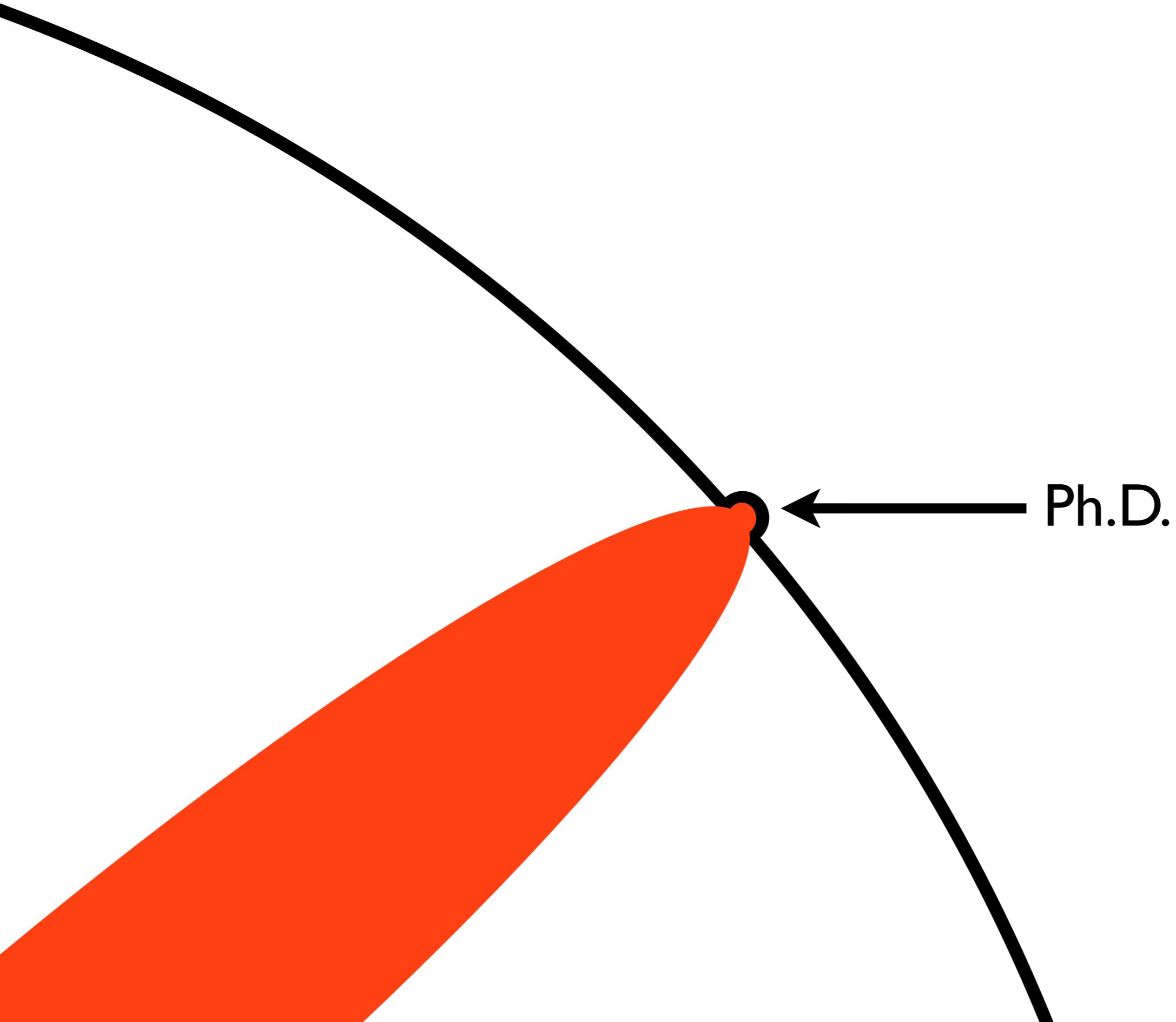




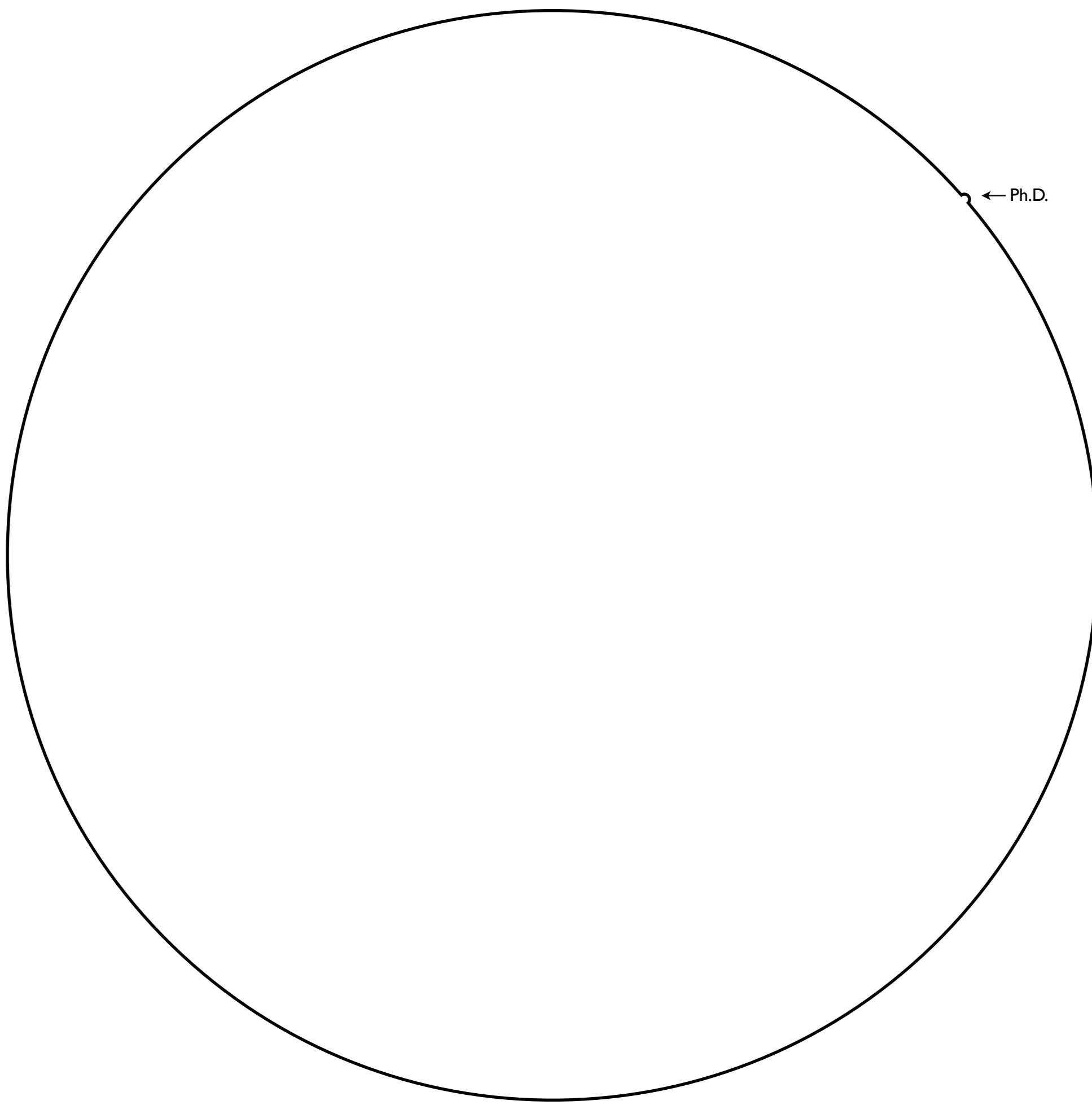










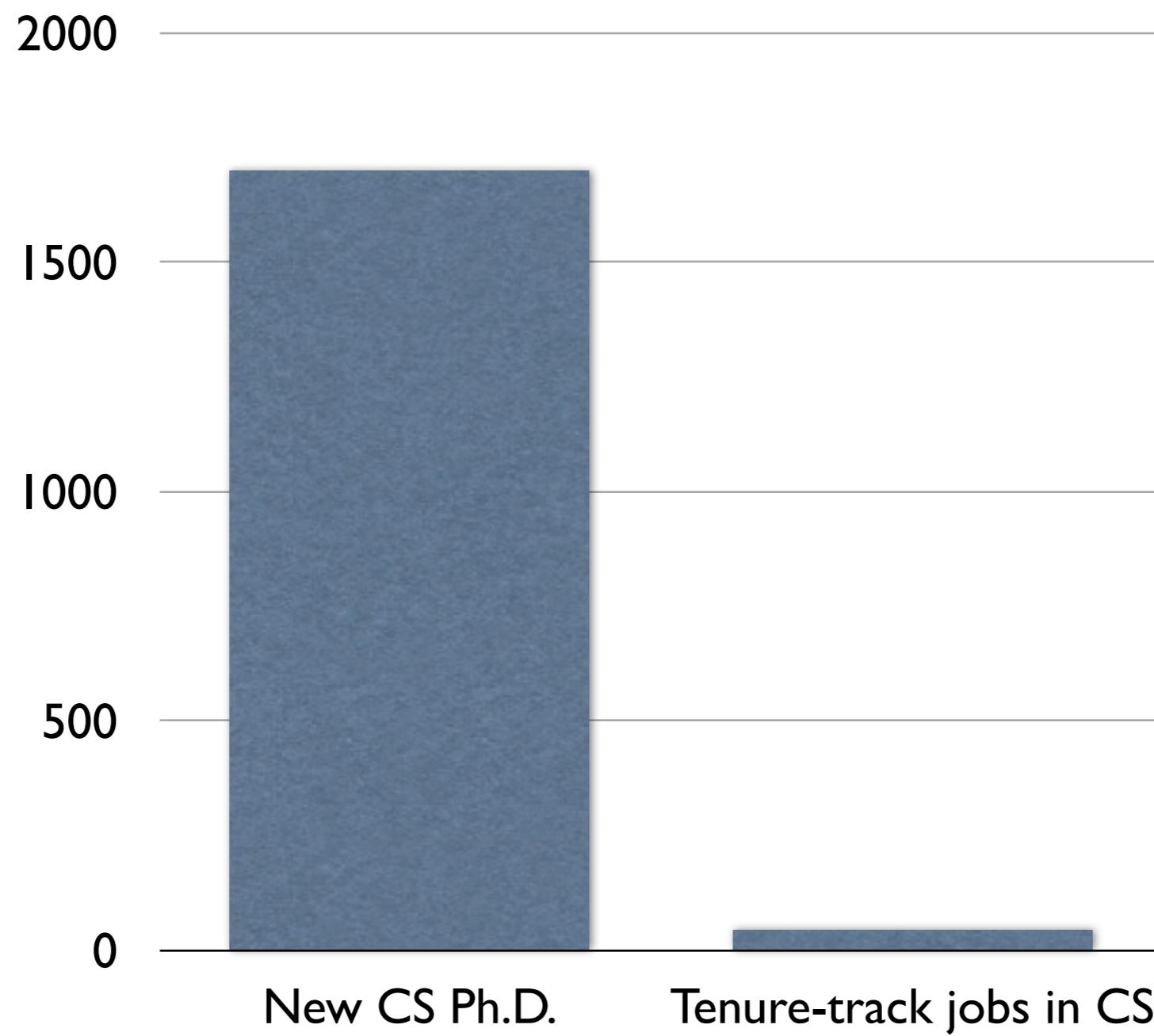


Why get a Ph.D.?

Want to be called “Dr.”?

Want to be a professor?

Source: NSF, CRA



Source: NSF, CRA

Only good reason?

“Supposed to
be a Jedi.”



Yannis Smaragdakis

How to be a good student

Perseverance

Tenacity

Cogency

10 ways to fail

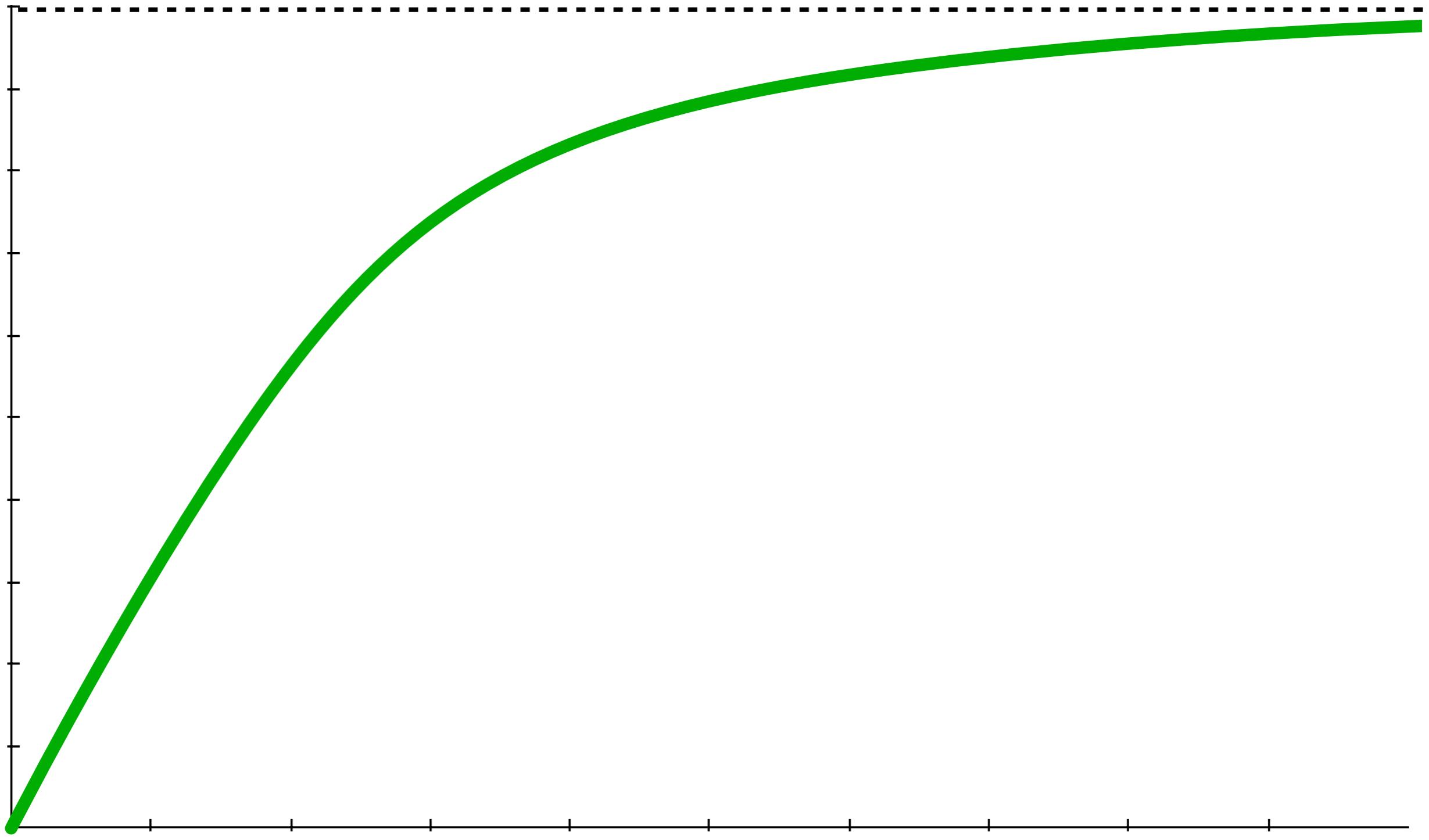
Focus on grades and classes

$$g_{\text{optimal}} = g_{\text{minimum}} + \epsilon$$

Learn too much

Expect perfection

quality



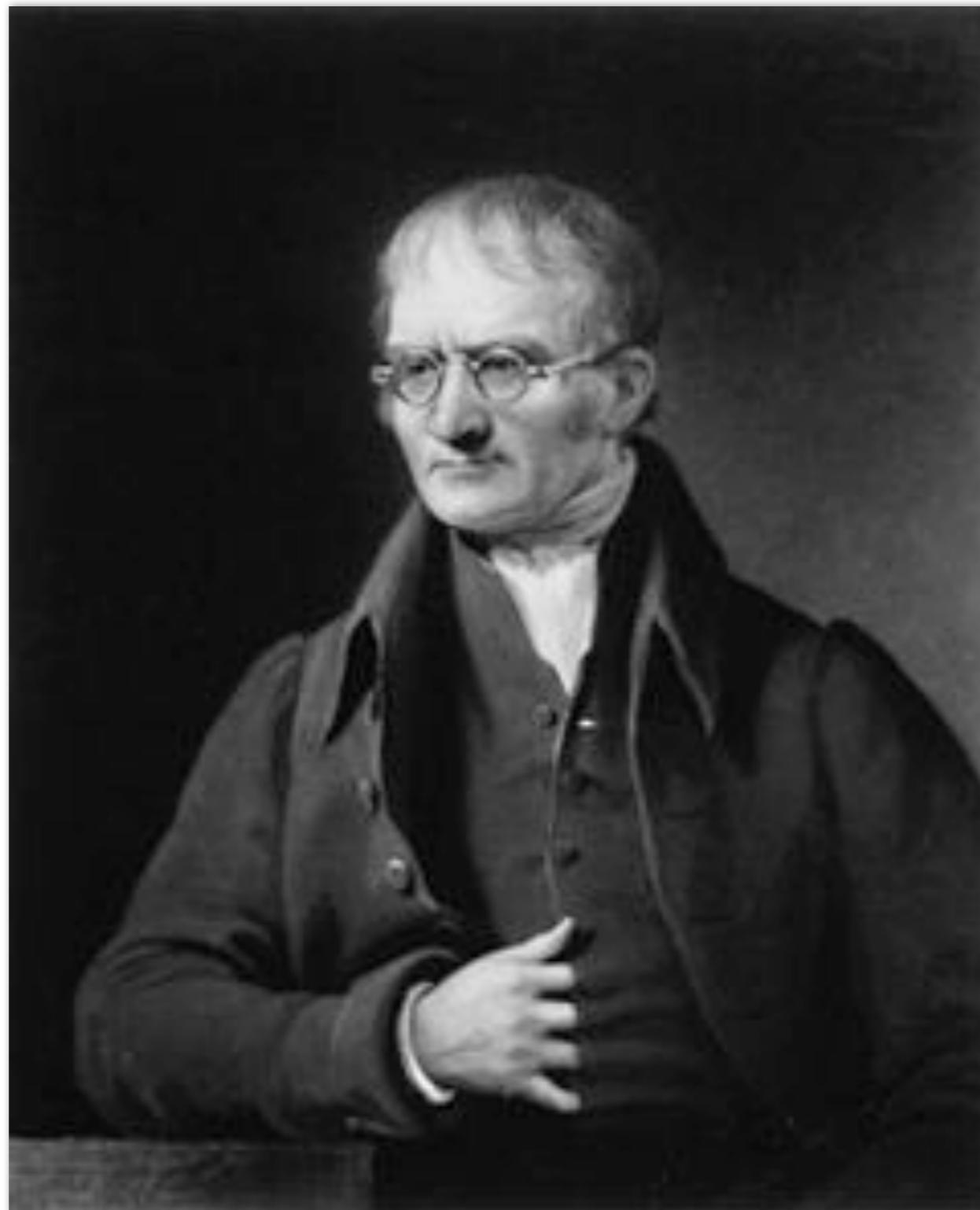
effort



Ohm's law?



Richter's law?



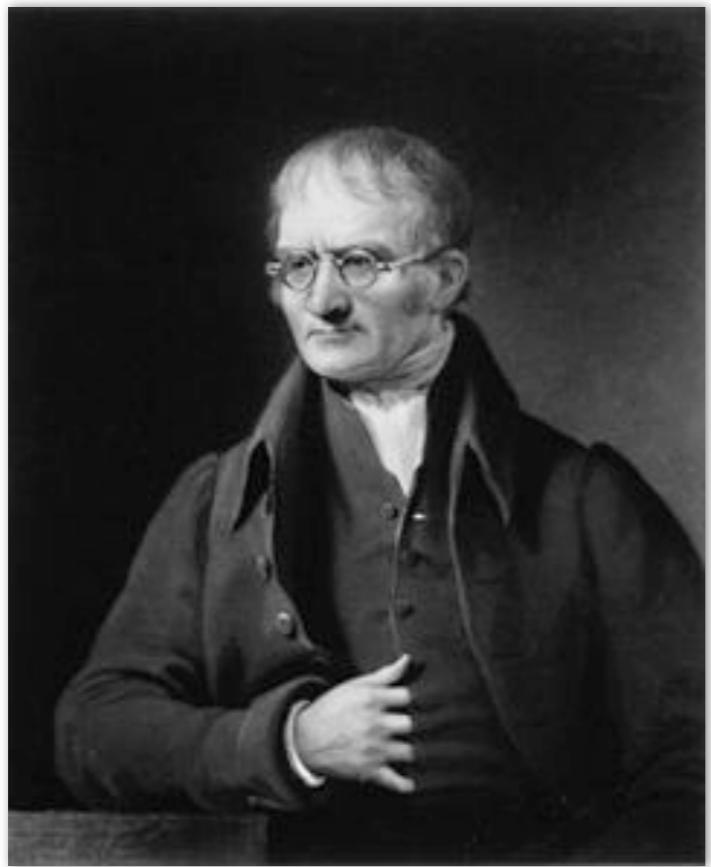
Dalton's law?



Coulomb's law?

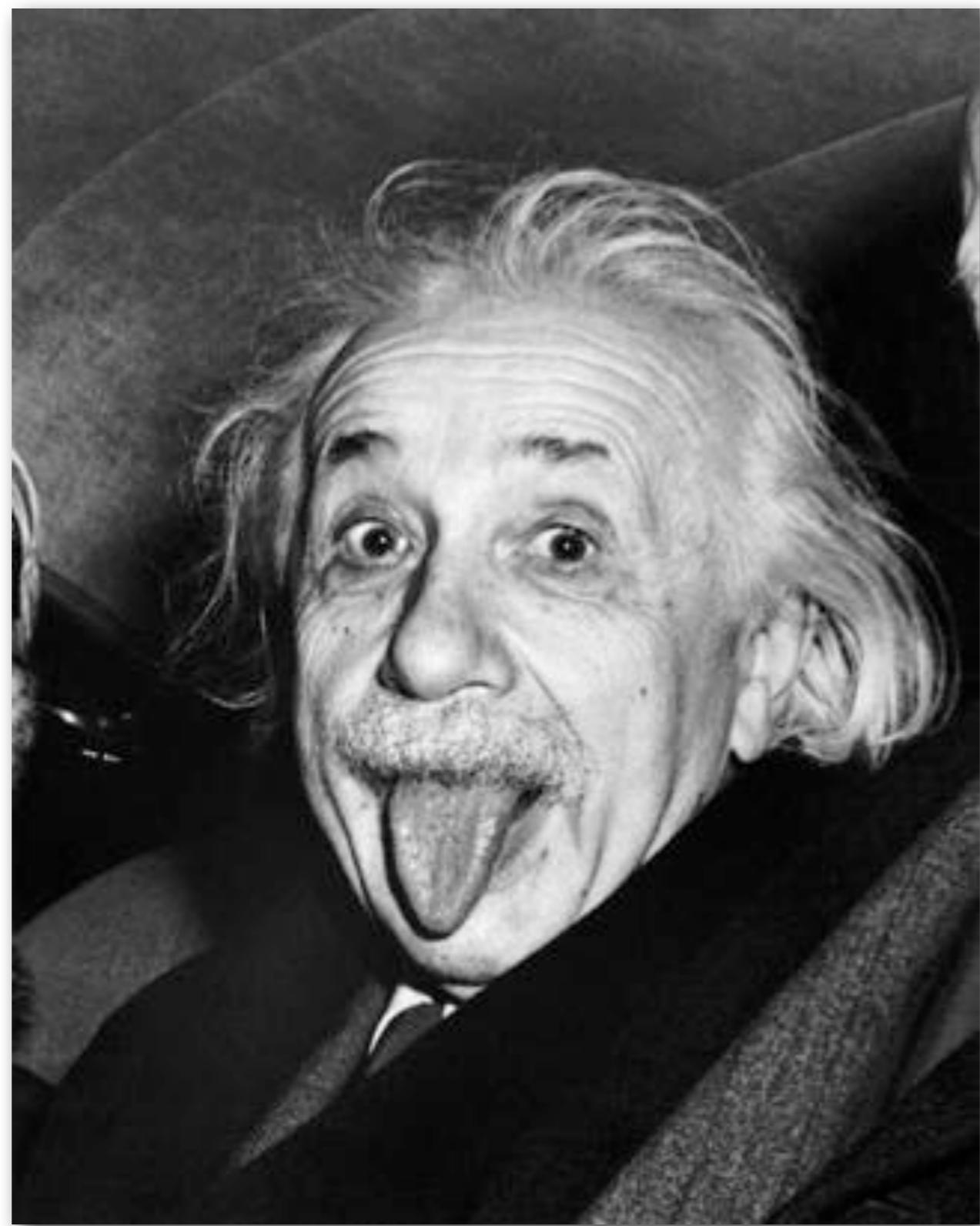


Charles's law?





“Good enough”
is
Good enough.



“Whatever. Good enough.”

“Whatever. Good enough.”

Dr. Einstein

Procrastinate

Go rogue too early/late

Treat it like school or work

Ignore thy committee

Aim too low

Aim too high

Miss the real milestones

What is research?

“...like obscenity...”

John Regehr

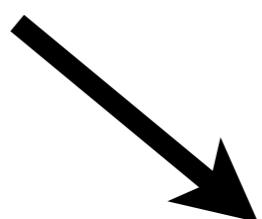
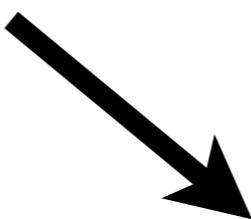
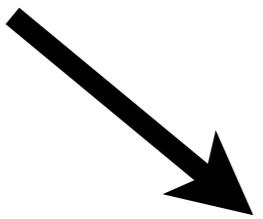
What is research?

- Must advance state of art
- Must have chance of failure
- Must be more than coding

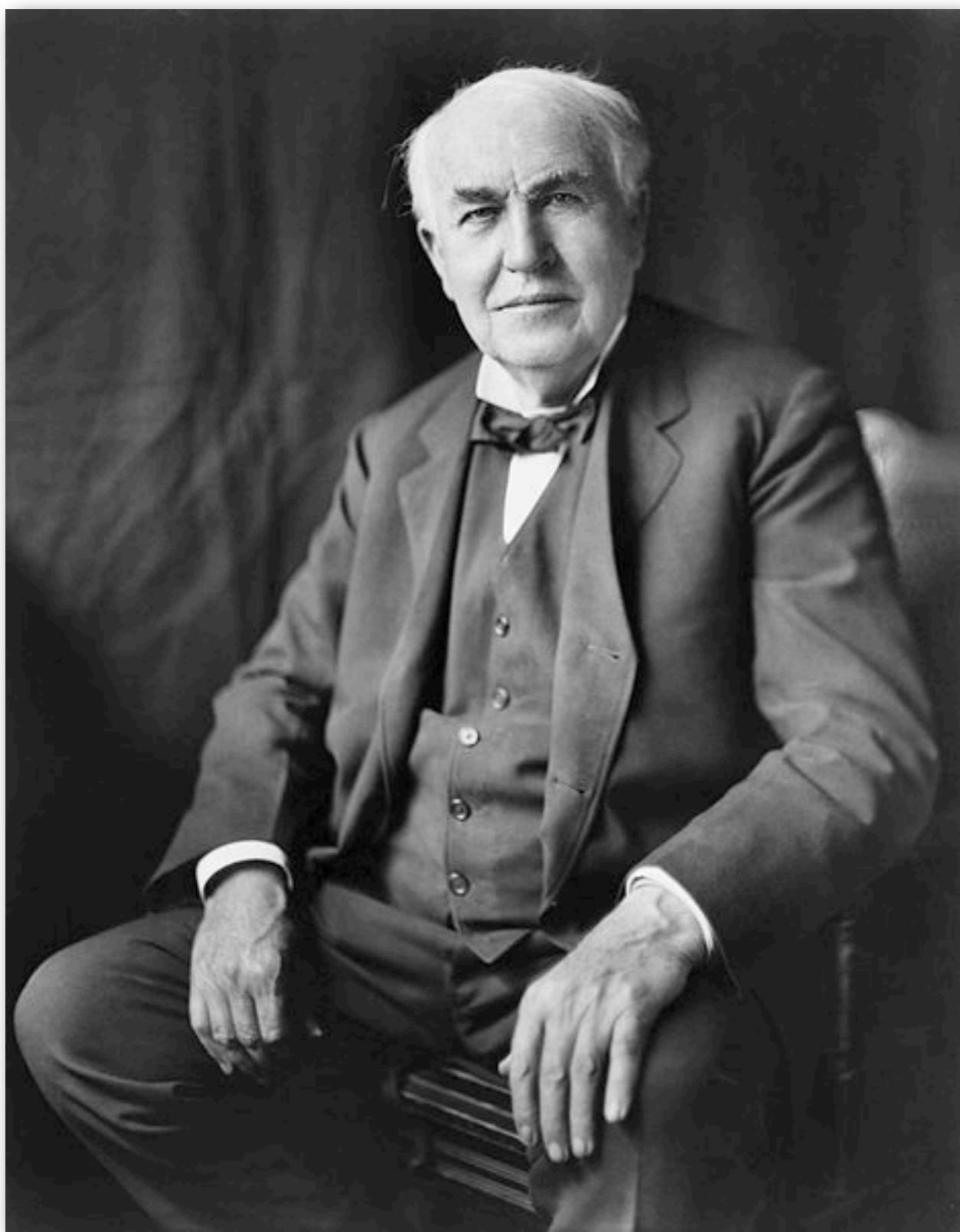
“How do I do research?”

You fail.

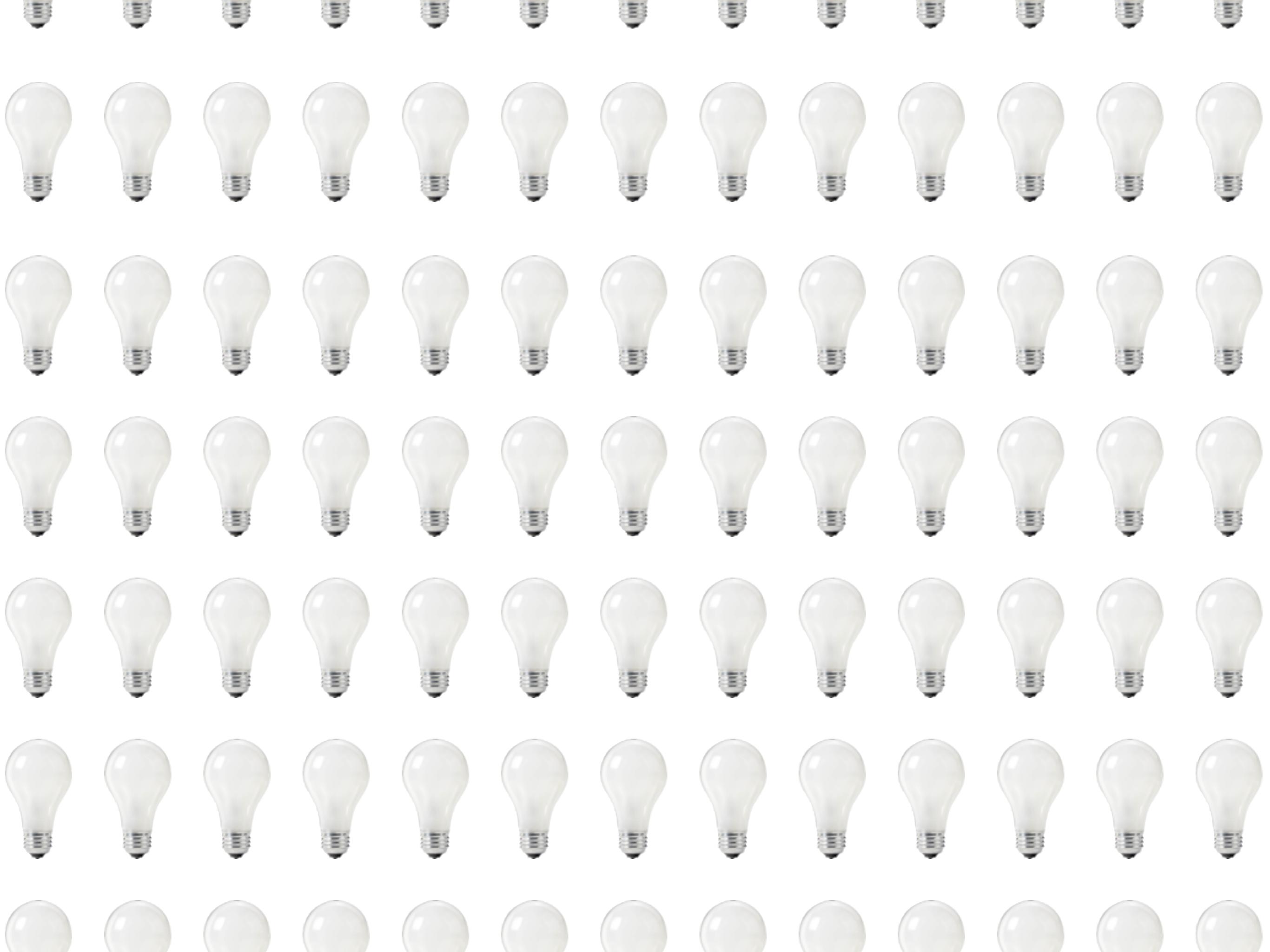
What is failing?













My Idea

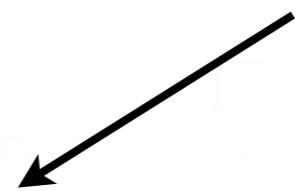
Me, Myself and My Advisor

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis at nisi sit amet est pharetra malesuada vitae ac mauris. Donec aliquam magna quis libero adipiscing ac sollicitudin turpis elementum. Nunc lobortis quam vitae ipsum auctor scelerisque. Mauris id magna turpis. Phasellus sit amet massa neque, vel consequat odio. In suscipit accumsan mi, nec mollis nunc consectetur sit amet. Quisque blandit condimentum justo, at pellentesque magna posuere vel. Praesent laoreet gravida dui, sed mattis sem faucibus id. Etiam non mauris in metus dignissim congue sit amet sit amet diam. Duis feugiat tortor ultricies magna lacinia ut faucibus erat semper. Maecenas dignissim consectetur porta.



Donec aliquam magna quis libero adipiscing ac sollicitudin turpis elementum. Nunc lobortis quam vitae ipsum auctor scelerisque. Mauris id magna turpis. Phasellus sit amet massa neque, vel consequat odio. In suscipit accumsan mi, nec mollis nunc consectetur sit amet. Quisque blandit condimentum justo, at pellentesque magna posuere vel. Praesent laoreet gravida dui, sed mattis sem faucibus id.

peer reviews





My Idea

Me, Myself and My Advisor

Consectetur adipiscing elit. Duis at nisi sit amet est pharetra malesuada vitae ac mauris. Donec aliquam magna quis libero adipiscing ac sollicitudin turpis elementum. Nunc lobortis quam vitae ipsum auctor scelerisque. Mauris id magna turpis. Phasellus sit amet massa neque, vel consequat odio. In suscipit accumsan mi, nec mollis nunc consectetur sit amet. Quisque blandit condimentum justo, at pellentesque magna posuere vel. Praesent laoreet gravida dui, sed mattis sem faucibus id. Etiam non mauris in metus dignissim congue sit amet sit amet diam. Duis feugiat tortor ultricies magna lacinia ut faucibus erat semper. Maecenas dignissim consectetur porta.



Donec aliquam magna quis libero adipiscing ac sollicitudin turpis elementum. Nunc lobortis quam vitae ipsum auctor scelerisque. Mauris id magna turpis. Phasellus sit amet massa neque, vel consequat odio. In suscipit accumsan mi, nec mollis nunc consectetur sit amet. Quisque blandit condimentum justo, at pellentesque magna posuere vel. Praesent laoreet gravida dui, sed mattis sem faucibus id.

My Idea

Me, Myself and My Advisor



My Idea

Me, Myself and My Advisor



My Idea

Me, Myself and My Advisor



My Idea

Me, Myself and My Advisor



My Idea

Me, Myself and My Advisor



My Idea

Me, Myself and My Advisor



My Idea

Me, Myself and My Advisor



My Idea

Me, Myself and My Advisor



My Idea

Me, Myself and My Advisor



My Idea

Me, Myself and My Advisor



My Idea

Me, Myself and My Advisor



My Idea

Me, Myself and My Advisor



My Idea

Me, Myself and My Advisor



My Idea

Me, Myself and My Advisor



My Idea

Me, Myself and My Advisor



My Idea

Me, Myself and My Advisor



My Idea

Me, Myself and My Advisor



My Idea

Me, Myself and My Advisor



My Idea

Me, Myself and My Advisor

Donec ipsum dolor sit amet, consectetur adipiscing elit. Duis at nisi et amet et pharetra. Maecenas vitae ac amet. Donec aliquam tempus id. Ut enim adiungit ac sollicitudin turpis elementum. Nam lobortis quam vivus quam ante scelerisque. Maecenas magna turpis. Phasellus et amet massa neque, vel consequat odio. In exceptum mi, nec mollis nisi consectetur et amet. Quisque blandi condimentum justo, ut pellentesque magna posuere vel. Praesent luctus gravida dui, sed mattis sem facilisis et.



Donec aliquam tempus quis libero adiungit ac sollicitudin turpis elementum. Nam lobortis quam vivus quam ante scelerisque. Maecenas magna turpis. Phasellus et amet massa neque, vel consequat odio. In exceptum mi, nec mollis nisi consectetur et amet. Quisque blandi condimentum justo, ut pellentesque magna posuere vel. Praesent luctus gravida dui, sed mattis sem facilisis et.

My Idea

Me, Myself and My Advisor

Consectetur adipiscing elit. Duis at nisi sit amet est pharetra malesuada vitae ac mauris. Donec aliquam magna quis libero adipiscing ac sollicitudin turpis elementum. Nunc lobortis quam vitae ipsum auctor scelerisque. Mauris id magna turpis. Phasellus sit amet massa neque, vel consequat odio. In suscipit accumsan mi, nec mollis nunc consectetur sit amet. Quisque blandit condimentum justo, at pellentesque magna posuere vel. Praesent laoreet gravida dui, sed mattis sem faucibus id. Etiam non mauris in metus dignissim congue sit amet sit amet diam. Duis feugiat tortor ultricies magna lacinia ut faucibus erat semper. Maecenas dignissim consectetur porta.



Donec aliquam magna quis libero adipiscing ac sollicitudin turpis elementum. Nunc lobortis quam vitae ipsum auctor scelerisque. Mauris id magna turpis. Phasellus sit amet massa neque, vel consequat odio. In suscipit accumsan mi, nec mollis nunc consectetur sit amet. Quisque blandit condimentum justo, at pellentesque magna posuere vel. Praesent laoreet gravida dui, sed mattis sem faucibus id.

My Idea

Me, Myself and My Advisor

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis at nisi sit amet est pharetra malesuada vitae ac mauris. Donec aliquam magna quis libero adipiscing ac sollicitudin turpis elementum. Nunc lobortis quam vitae ipsum auctor scelerisque. Mauris id magna turpis. Phasellus sit amet massa neque, vel consequat odio. In suscipit accumsan mi, nec mollis nunc consectetur sit amet. Quisque blandit condimentum justo, at pellentesque magna posuere vel. Praesent laoreet gravida dui, sed mattis sem faucibus id. Etiam non mauris in metus dignissim congue sit amet sit amet diam. Duis feugiat tortor ultricies magna lacinia ut faucibus erat semper. Maecenas dignissim consectetur porta.



Donec aliquam magna quis libero adipiscing ac sollicitudin turpis elementum. Nunc lobortis quam vitae ipsum auctor scelerisque. Mauris id magna turpis. Phasellus sit amet massa neque, vel consequat odio. In suscipit accumsan mi, nec mollis nunc consectetur sit amet. Quisque blandit condimentum justo, at pellentesque magna posuere vel. Praesent laoreet gravida dui, sed mattis sem faucibus id.

My Dissertation

Dr. Me

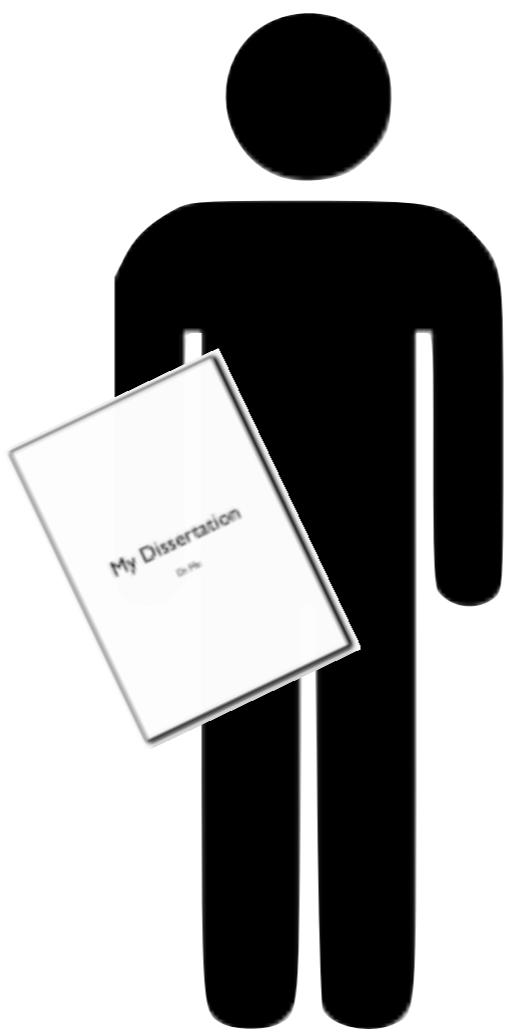
id
scipit
uris id
n suscipit
reet
at

My Dissertation

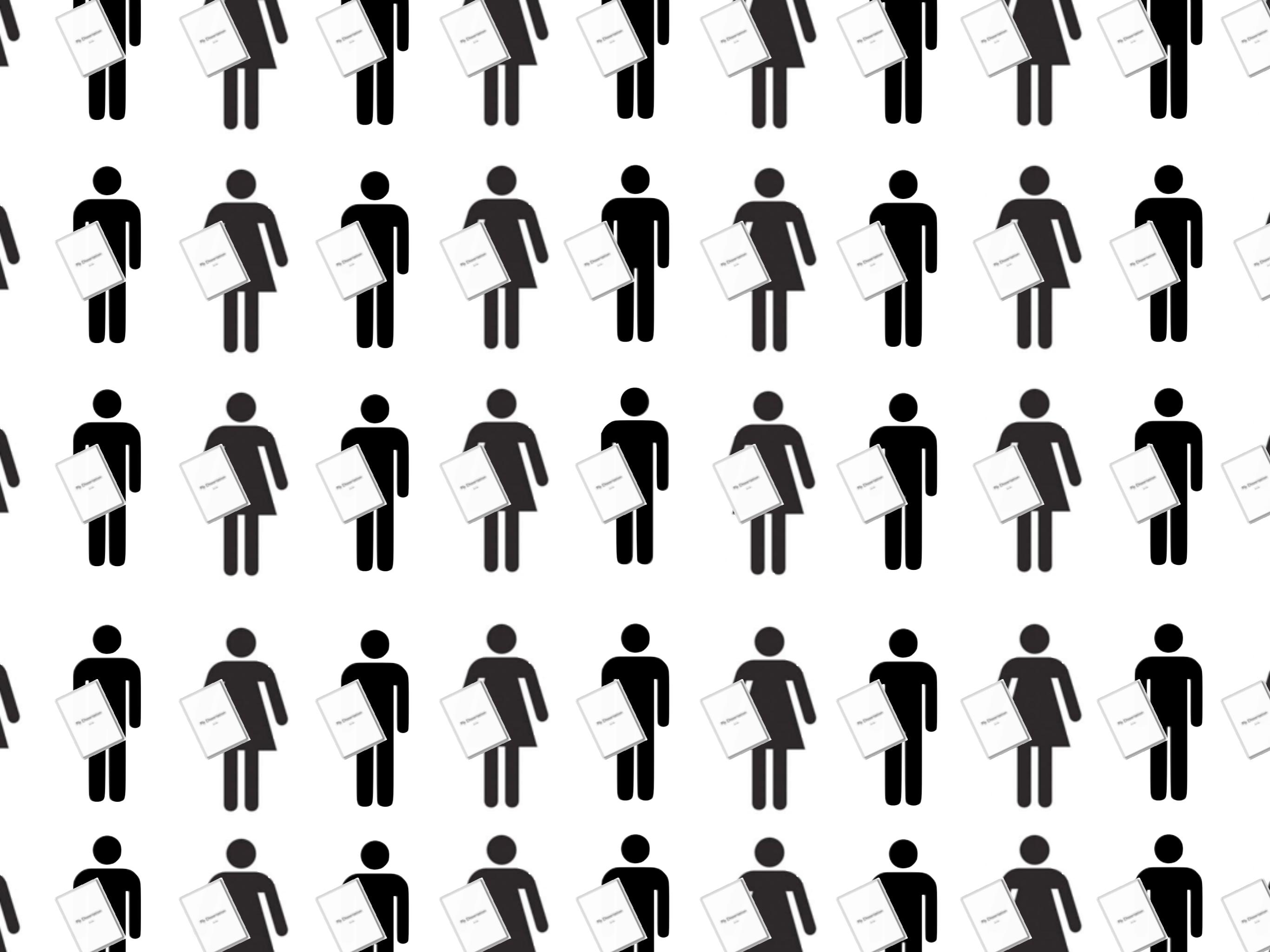
Dr. Me

My Dissertation

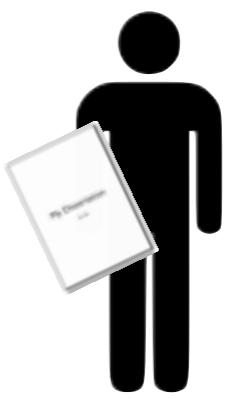
Dr. Me













My Grant Proposal

Prof. Me











My Grant Proposal

Prof. Me







My Grant Proposal

Prof. Me

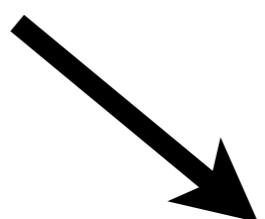
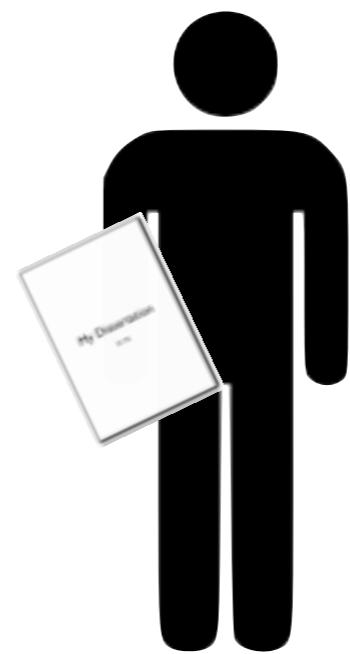
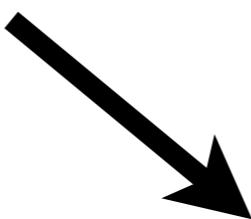
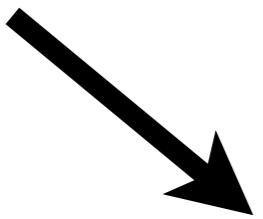
My Grant Proposal

Prof. Me

My Grant Proposal

Prof. Me









Tips

Capture your ideas!





NO MORE
GREAT IDEAS
DOWN THE DRAIN!

NO MORE GREAT IDEAS DOWN THE DRAIN!



 EVERNOTE

Write early, write often.

Blog and tweet.

Read a lot, but write more.

Volunteer to speak.

"WISE WITHOUT BEING PRETENTIOUS, WITTY BUT NOT TRIVIAL . . . PEPPERED WITH USEFUL RECIPES THAT WILL MAKE ANYONE A FAR MORE EFFECTIVE COMMUNICATOR."

JOEL BIRNBAUM, SENIOR TECHNICAL ADVISOR TO THE CEO OF HEWLETT-PACKARD

EVEN A GEEK CAN SPEAK

LOW-TECH PRESENTATION SKILLS
FOR HIGH-TECH PEOPLE

JOEY ASHER

Eliminate distraction.



LeechBlock



WasteNoTime

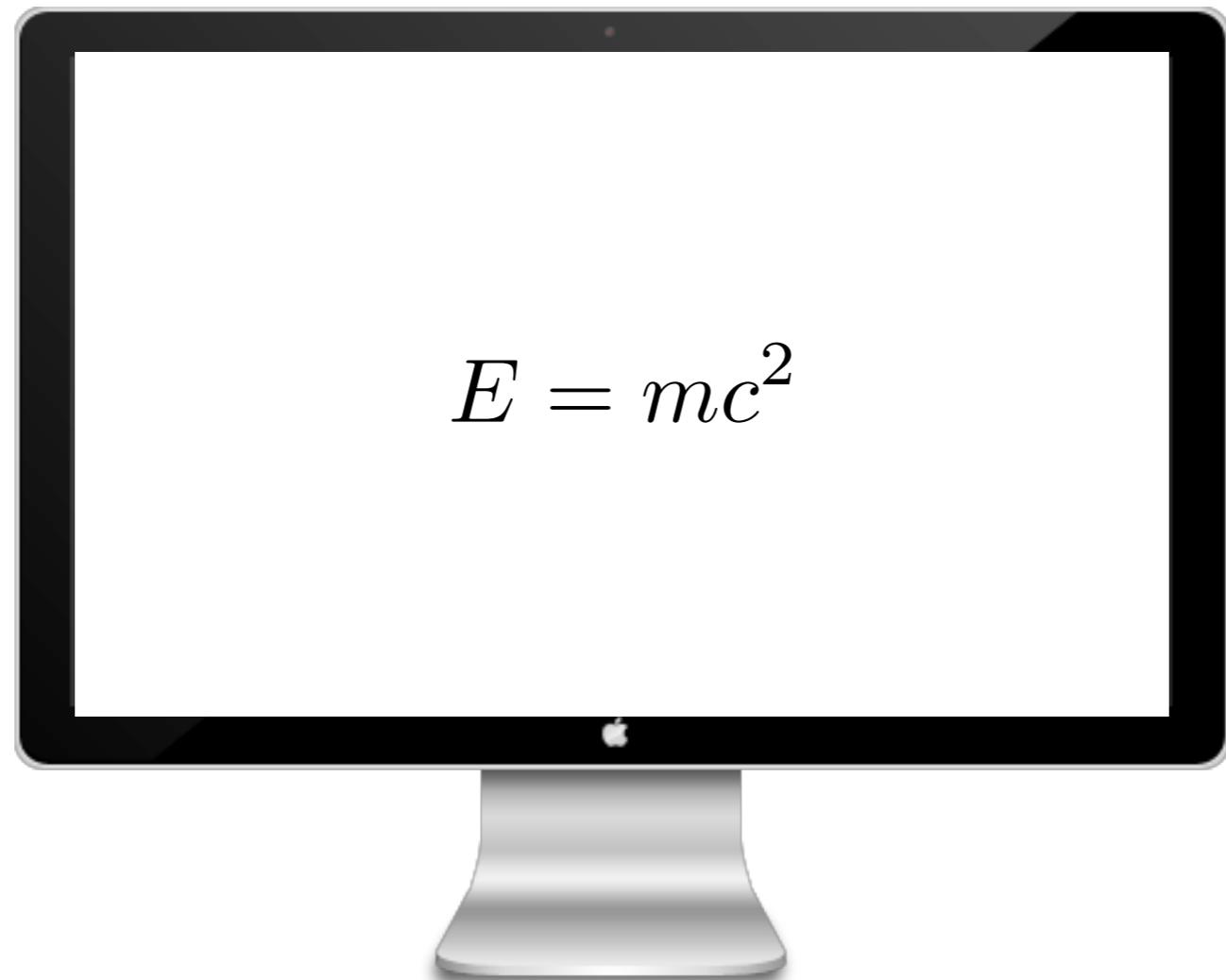


StayFocusd





$$E = mc^2$$





Freedom

Stay healthy.

Network!

Good luck!

blog.might.net

@mattmight