ResearchHub Endowments

Product Doc

ResearchHub | February 2026

Summary

ResearchHub Endowments distribute funding credits to RSC holders. Unlike DeFi staking that pays liquid tokens, these credits can only fund research—the more RSC you hold, the more science you fund.

A fixed emission schedule with time-weighted multipliers rewards long-term holding. No action required: RSC in a ResearchHub account automatically earns credits.

Example Usecase

- Your organization is planning to create $1M of grants in 2026..
- Instead, buy an equivalent amount of RSC and use it to create a ResearchHub Endowment.
- In year 1, you earn ~$236K in research funding credits *(medium scenario— 30% staked)*.
- After year 10, you have earned ~$1.8M of funding credits and retain 100% of your principal.

This transforms a one-time gift into a perpetual funding machine.

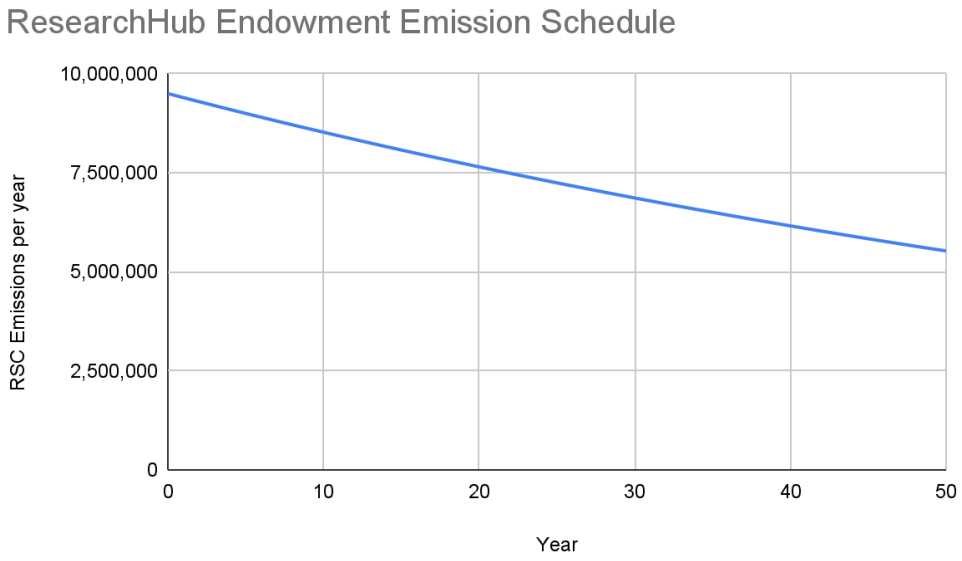
Where does yield come from

$$Your\ Yield\ =\ RSC\ emissions \times \left(\frac{Your\ held\ RSC}{Your\ held\ RSC + Others'\ held\ RSC}\right)$$

RSC emissions

The protocol emits new RSC at a decaying rate on an annual basis. Starting at 9.5M RSC in year 1, emissions will halve over the course of 64 years to ensure sustainability.

Time	Annual RSC Emission	Circulating Supply
Year 1	9,500,000 RSC	134,157,343 RSC
Year 5	9,097,231.167 RSC	171,547,737.234 RSC
Year 25	7,325,501.421 RSC	336,023,407.123 RSC



RSC held within ResearchHub

The rate of funding credit yield depends on the proportion of total circulating supply held within ResearchHub at any given time. When more RSC is held on the platform, the annual return rate decreases. When less RSC is held, there will be higher yields.

% of Circulating Supply Earning Yield	Year 1 Yield	Benchmark
15%	**47.2%**	*Low participation*
30%	**23.6%**	*Anticipated average*
70%	**10.1%**	*High participation*

Time-weighted multipliers

Long-term holders earn a multiplier based on duration to incentivize long-term funding of science:

Time Held	Weight Multiplier	Relative Yield Boost
0–30 days	**1.0x**	Baseline
30–180 days	**1.0x–1.15x**	Up to +15%
180–365 days	**1.15x**	+15%
365+ days	**1.2x**	+20%

Holders at 365+ days earn 1.2x more credits per RSC than new holders.

Frictionless UX

RSC in a ResearchHub account automatically earns funding credits. No staking action, no lockups, no gas fees, no DeFi complexity.

Self-balancing market dynamics

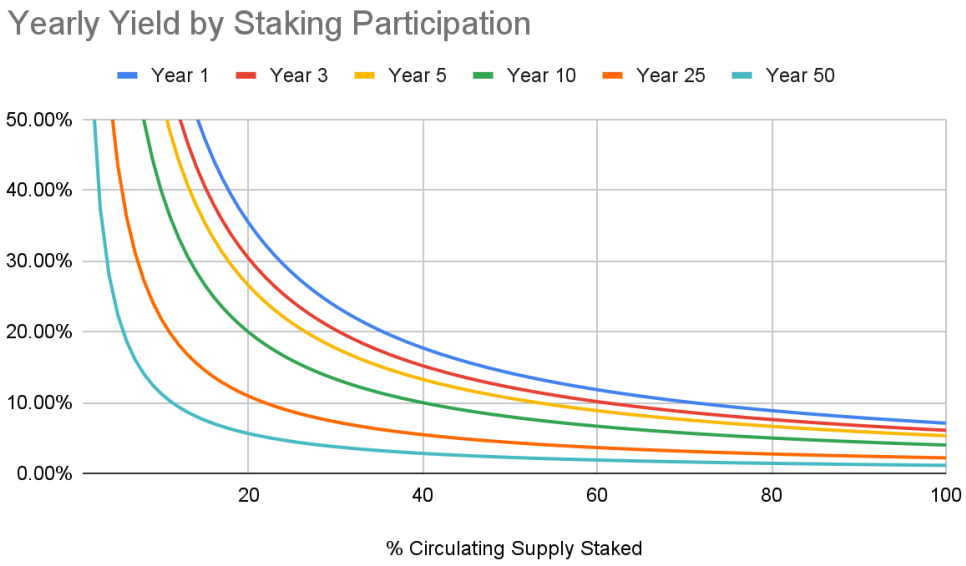
High yields attract more holders, expanding the pool and lowering yields until equilibrium. Low yields cause withdrawals, shrinking the pool and raising yields for remaining participants.

Yield across participation scenarios

Annual return varies with network participation. Benchmarked against Curve DAO (CRV), where 18–29% of supply is locked.

% Circulating Supply Staked	Year 1 Return	Year 5 Return	Year 10 Return	Year 25 Return
15% *(Low participation)*	**47.2%**	**35.4%**	**26.6%**	**14.5%**
30% *(Average)*	**23.6%**	**17.7%**	**13.3%**	**7.3%**
70% *(High participation)*	**10.1%**	**7.6%**	**5.7%**	**3.1%**

Annual Return values assume a 1.0x base multiplier. Long-term holders at 1.2x would see yields ~20% higher.



Practical example

Assume 30% of circulating supply is held in ResearchHub in both year 1 and 25.

Year 1

Participant	RSC Held	Multiplier	Annual Return	Annual Credits
Institution A	10.0M	1.0x	**23.6%**	**2,360,412 RSC**
Other Stakers	30.2M	1.0x	**23.6%**	**7,139,588 RSC**

TOTAL	40.2M			**9,500,000 RSC**

Year 25

Participant	RSC Held	Multiplier	Annual Return	Annual Credits
Institution A	10.0M	1.0x	**7.3%**	**726,686 RSC**
Other stakers	90.8M	1.0x	**7.3%**	**6,598,816 RSC**
TOTAL	100.8M			**7,325,501 RSC**

Novel innovation of this mechanism

High DeFi yields typically trigger a death spiral: yield attracts capital, stakers dump rewards, the token crashes. ResearchHub Endowment breaks this loop:

- Users earn funding credits, not liquid tokens.
- Protocol inflation helps funders improve the ROI of their research capital
- 2% of every transaction is burned by the ResearchHub Foundation as a deflationary counterbalance.

Additional token sink mechanisms will need to be built over the coming years to absorb increased supply from credit distribution. There are many opportunities within prediction markets, premium features, and potentially increased scientific communication of specific content on ResearchHub.

As funding volumes increase on ResearchHub, so will our company's revenue. Over time, it will become mission aligned for us to accelerate science by gradually reducing ResearchHub Inc.'s cut of the admin fee, allowing for more RSC to be burnt by the ResearchHub Foundation.

Technical parameters

Current implementation parameters:

Emission formula	E(t) = 9,500,000 / 2^(t/64)
Year 0 emission	9,500,000 RSC
Year 10 emission	~8,525,000 RSC
Reward type	Non-transferable funding credits