

SIMON-INSTITUTE Expression of Interest Form

Introductory Website Text

Thank you for your interest in SIMON-INSTITUTE, Inc. and SIMON-FEDERATION PBC, Inc.

SIMON-INSTITUTE is inviting a select group of universities and colleges to explore participation in a governed federation designed to unite advanced AI, supercomputing, quantum systems, academic formation, and multi-institution research collaboration. Only **ten institutions** will be selected for full admission following SIMON review, institutional vetting, and completion of participation requirements.

This Expression of Interest is the first step in the review process. Submission does **not** guarantee admission, reserve a seat, or create any binding obligation. It allows SIMON to understand your institution's current capabilities, academic priorities, compute environment, research ambitions, and readiness to evaluate the full opportunity.

Qualified institutions may receive a follow-up information packet addressing initiation fees, deposit requirements, facility planning, major system costs, supercomputing and quantum leasing structures, participation expectations, and next steps for formal consideration.

Estimated completion time: 10–15 minutes

Recommended respondent: President, Provost, Dean, CS Department Head, CIO, VP Research, or authorized institutional representative

Section 1 — Institutional Contact Information

1. Institution Name

Short text

2. Institution Type

Dropdown:

Public university

Private nonprofit university

Liberal arts college

Research institute affiliated with a university

Other

3. Primary Contact Name

Short text

4. Primary Contact Title

Dropdown with “Other” option:

President

Chancellor

Provost

Dean of Engineering / Computing

CS Department Head / Chair

VP for Research

Chief Information Officer

Other

5. Primary Contact Email

Email field

6. Primary Contact Phone

Phone field

7. Mailing Address

Address fields

8. Additional Institutional Contacts to Include

Checkboxes:

President / Chancellor

Academic Provost

CS Department Head

Dean of Engineering / Computing

VP Research

CIO / CTO

General Counsel

Technology Transfer Office

Foundation / Advancement Office

Section 2 — Institutional Interest

9. Which best describes your institution’s current interest in SIMON-INSTITUTE?

Single choice:

We are seriously interested in federation participation

We are interested in learning more

We are exploring future AI / quantum infrastructure options

We are responding to the invitation for preliminary review

We are uncertain but want to understand the opportunity

10. What is your primary reason for requesting additional information?

Checkboxes:

- Advanced AI research capability
- On-campus supercomputing access
- Quantum computing exploration
- Computer science / engineering program expansion
- Medical or biomedical research acceleration
- Physics, materials, environmental, or energy research
- Workforce development
- Institutional differentiation
- Multi-university research collaboration
- Funding / donor / foundation strategy
- Other

11. In one or two sentences, what opportunity or challenge would you hope SIMON-INSTITUTE could help address?

Long text

Section 3 — Current Compute Environment

12. What compute systems does your institution currently use for AI, machine learning, simulation, or computational research?

Checkboxes:

- On-prem GPU cluster
- On-prem CPU/HPC cluster
- Shared state or system HPC resource
- Commercial cloud compute
- National lab / federal compute access
- Department-level servers or small clusters
- No significant advanced compute infrastructure
- Unsure

13. Are your primary compute systems currently on campus?

Single choice:

- Yes, mostly on-prem
- No, mostly external or cloud-based
- Mixed on-prem and external
- Currently limited or unavailable
- Unsure

14. What are your current compute constraints?

Checkboxes:

- Long queue times
- Insufficient GPU capacity

Limited storage / data movement
Limited research support staff
High cloud cost
Security / compliance concerns
Difficulty supporting coursework or labs
Difficulty supporting large models
Difficulty supporting multi-institution projects
No major constraint identified
Other

15. Approximately how many faculty or research groups currently rely on advanced compute?

Single choice:

0–10
11–25
26–50
51–100
More than 100
Unsure

16. Does your institution currently maintain staff who support research computing, HPC, AI infrastructure, or secure data environments?

Single choice:

Yes, dedicated team
Yes, limited staff
No dedicated staff
In development
Unsure

Section 4 — Academic Programs and Student Scale

17. Does your institution offer a degree in Computer Science, Computer Engineering, AI, Data Science, or a closely related field?

Checkboxes:

B.S. Computer Science
B.S. Computer Engineering
B.S. Data Science / AI
M.S. Computer Science
M.S. Data Science / AI
PhD Computer Science
PhD Engineering / Computing
Related interdisciplinary programs
No formal degree currently offered
Other

18. Approximately how many undergraduate students enroll annually in CS, programming, AI, data science, or computing-related coursework?

Single choice:

- Fewer than 500
- 500–1,000
- 1,001–2,500
- 2,501–5,000
- More than 5,000
- Unsure

19. Approximately how many graduate students are enrolled in CS, engineering, AI, data science, computational science, or related programs?

Single choice:

- Fewer than 100
- 100–250
- 251–500
- 501–1,000
- More than 1,000
- Unsure

20. Would your institution be interested in exploring SIMON-aligned degree pathways?

Checkboxes:

- Undergraduate degree pathway
- Master's degree pathway
- PhD track
- Honors program
- Certificate or minor
- Faculty research institute model
- Not at this time
- Unsure

21. Which SIMON academic areas appear most relevant to your institution?

Checkboxes:

- AI, Quantum & Supercomputing Systems
- Computational Medical Research
- Hybrid AI, Quantum & Federated Systems
- High-performance AI on superclusters
- Federated learning and governance
- Quantum-enabled discovery
- Clinical AI / medical research
- Physics, materials, energy, or simulation
- Ethics, governance, and responsible AI
- Other

Section 5 — AI, Supercluster, and Quantum Readiness

22. Is your institution currently evaluating or planning access to AI superclusters, GPU clusters, or large-scale model training systems?

Single choice:

Yes, actively evaluating

Yes, planning within 12 months

Exploratory only

No current activity

Unsure

23. Which AI or supercomputing systems have you evaluated or used?

Long text

24. Is your institution currently exploring quantum computing access?

Single choice:

Yes, on-prem quantum systems

Yes, cloud quantum access

Yes, both on-prem and cloud options

Exploratory only

No current activity

Unsure

25. What quantum platforms, vendors, national resources, or research partnerships have you evaluated?

Long text

26. What would be most valuable to your institution?

Single choice:

On-campus AI supercluster capability

On-campus quantum training and experimentation

Cloud quantum collaboration access

A full Goldilocks model combining local compute, on-campus quantum, and federation-scale collaboration

Unsure

Section 6 — Research Priorities

27. Which research domains would your institution most likely pursue through SIMON-INSTITUTE?

Checkboxes:

Medical research

Clinical AI

Population health

Drug discovery / protein modeling
Quantum physics
Materials science
Energy research
Environmental / climate research
Cybersecurity
Large language models
AI safety / AI governance
Scientific simulation
Engineering systems
Other

28. Are there existing faculty teams or centers that could participate in SIMON-related research?

Single choice:

Yes, multiple established teams
Yes, one or two likely teams
Possible, but not yet identified
No current teams identified
Unsure

29. Briefly describe one research initiative that could benefit from advanced AI, supercomputing, quantum workflows, or multi-university collaboration.

Long text

30. Would your institution be interested in multi-institution research collaboration with other Federation members?

Single choice:

Yes, strongly
Yes, depending on topic
Possibly
Not currently
Unsure

Section 7 — Governance, Security, and Compliance

31. Does your institution currently support secure or regulated research environments?

Checkboxes:

HIPAA / health data
FERPA / student data
IRB-governed research
Export-controlled research
Controlled unclassified information
Cybersecurity research environments

Secure enclaves
None currently
Unsure

32. Does your institution maintain policies for AI use, responsible AI, research integrity, or data governance?

Single choice:
Yes, mature policies
Yes, policies in development
Limited policies
No formal policies
Unsure

33. Would your institution be prepared to comply with federation standards for provenance, audit logs, security, reproducibility, and approved research workflows?

Single choice:
Yes
Likely, subject to review
Possibly, with modifications
Not sure
No

34. Who would likely need to review SIMON participation documents at your institution?

Checkboxes:
President / Chancellor
Provost
General Counsel
Board of Trustees / Regents
Technology Transfer Office
Research Compliance
CIO / Information Security
Foundation / Advancement
Finance / Procurement
Dean or CS leadership
Other

Section 8 — Facility and Financial Readiness

35. Would your institution be interested in evaluating a SIMON-INSTITUTE facility model on or near campus?

Single choice:
Yes, near-term interest
Yes, exploratory interest
Possibly, depending on cost and structure

Not at this time
Unsure

36. Which facility components would be most important to your institution?

Checkboxes:

Advanced compute environment
Dedicated quantum suite
Teaching and collaboration space
Secure data / research environment
Faculty-student project space
Demonstration / donor engagement space
Industry partnership space
Other

37. Would your institution be prepared to review a financial information packet including initiation fee, deposit, facility costs, major systems, leasing structures, and participation obligations?

Single choice:

Yes
Yes, after internal discussion
Possibly
Not yet
Unsure

38. What is the likely timeline for your institution to evaluate a major strategic academic infrastructure opportunity?

Single choice:

0–3 months
3–6 months
6–12 months
12–24 months
More than 24 months
Unsure

39. What funding pathways might be relevant?

Checkboxes:

University capital budget
Foundation / donor funding
State funding
Federal grants
Industry partnership
Research sponsor support
Bond or lease financing
Endowment support
To be determined
Other

Section 9 — Federation Fit

40. Why do you believe your institution could be a strong candidate for one of the ten SIMON-FEDERATION seats?

Long text

41. What distinctive strength would your institution bring to a 10-university federation?

Checkboxes:

AI / machine learning

Quantum science

Computer science education

Medical research

Engineering

Physics

Energy / environment

Ethics / governance

Large student pipeline

Research funding capacity

Public mission / workforce development

Other

42. What concerns or questions would your institution need answered before proceeding?

Long text

43. Would you like to request a formal briefing?

Single choice:

Yes, with university leadership

Yes, with academic / CS leadership

Yes, with research and technology leadership

Yes, with legal / finance participation

Not yet

Unsure

Section 10 — Attestation

44. Please confirm the following:

Checkbox required:

I understand that this Expression of Interest is non-binding, does not guarantee admission, does not reserve a seat, and does not create any obligation on behalf of my institution or SIMON-INSTITUTE. I understand that additional review, vetting, documentation, and approval will be required before any institution is considered for admission.

45. Authorized Submitter Name

Short text

46. Title

Short text

47. Date

Date field

Submit Button:

Submit Expression of Interest

Recommended Responsive Logic

For the website developer, I would make the form responsive in these ways:

Trigger	Follow-up Question
If respondent selects “On-prem GPU cluster”	Ask cluster size, GPU type, ownership, and queue constraints
If respondent selects “Commercial cloud compute”	Ask provider, annual spend range, and major pain points
If respondent selects “No significant compute infrastructure”	Ask whether the institution is interested in a facility-first model
If respondent selects “Medical research”	Ask about IRB, HIPAA, clinical data, and biomedical informatics capacity
If respondent selects “Quantum computing access”	Ask which quantum vendors, platforms, or national resources have been evaluated
If respondent selects “Federal grants”	Ask whether the institution has active NSF, NIH, DOE, DOD, or other sponsored research pathways
If respondent selects “Request formal briefing”	Ask preferred attendees, timeline, and whether financial materials should be included
If respondent selects “Possibly” or “Unsure” on financial readiness	Offer a lower-pressure option: “Send introductory overview only”

Recommended Database Tags

To make the database useful for customization, each submitted form should generate tags like these:

Institution Type: public / private nonprofit / college / institute
Compute Maturity: none / cloud-only / on-prem / mixed / advanced
Quantum Readiness: none / exploratory / cloud / on-prem / advanced
Academic Scale: small / medium / large / very large
Degree Fit: undergraduate / master's / PhD / honors / certificate
Research Priority: medical / quantum / energy / environment / cybersecurity / AI governance / physics
Governance Readiness: low / moderate / high
Financial Readiness: immediate / exploratory / long-term
Federation Fit: strong / possible / needs development
Briefing Requested: yes / no / later

Confirmation Message After Submission

Thank you for submitting your Expression of Interest.

Your response has been received for preliminary review by SIMON-INSTITUTE. Submission of this form does not guarantee admission or reserve a Federation seat. If your institution appears aligned with the SIMON-INSTITUTE opportunity, you may receive additional materials regarding the Federation model, participation requirements, initiation fee, required deposit, facility and systems planning, supercomputing and quantum access structures, and next steps for formal consideration.

Only **ten institutions** will be selected following SIMON review and vetting.