



Cancer Center Alliance Initiatives & Technology Incubator Program

Cancer Center Informatics Society

*Where Cancer Centers, Technology, Life Sciences & Industry Collaborate
to Advance the Future of Cancer Care*

Program Overview

Breakthroughs in cancer research and clinical care increasingly depend on sustained collaboration across Cancer Centers, technology, informatics, data science, life sciences, biotechnology, and the pharmaceutical industry. The Cancer Center Informatics Society (Ci4CC) Cancer Center Alliance Initiatives & Technology Incubator Program provides a national collaborative environment where these communities come together to address some of the most important technology, data, research, and operational challenges facing cancer care.

The program brings together leaders from NCI-Designated Cancer Centers, Community Cancer Centers, medical oncology, cancer research, clinical and translational informatics, data science, and precision medicine with strategic partners from the Life Sciences, Biotechnology, Pharmaceutical, and Healthcare Technology industries. Rather than functioning as a traditional sponsorship program, Ci4CC Initiatives are structured as working strategic collaborations designed to identify meaningful problems, convene the appropriate national expertise, develop and evaluate solutions, generate shared knowledge, and accelerate innovation across the cancer care and biomedical research ecosystem.

The objective is to create an environment in which Cancer Centers and industry partners can collaboratively explore technologies and operating models that may improve research, clinical trials, interoperability, data sharing, translational science, drug development, clinical operations, and ultimately patient care.

Program Structure: From Initiative to Strategic Alliance

Every Ci4CC Initiative begins as a focused 12-month strategic collaboration. During the initial year, Ci4CC works with the participating organization and Cancer Center collaborators to define the problem, establish the appropriate working group and governance structure, develop a strategic roadmap, convene subject-matter experts, and advance agreed-upon deliverables.

Depending upon the sponsor, scope, outcomes, and strategic objectives, successful Initiatives may extend beyond the initial 12 months into a multi-year strategic alliance lasting up to three years.

Define → Collaborate → Evaluate → Demonstrate Value → Expand Successful Initiatives



Areas of Strategic Focus

- Artificial Intelligence & Generative AI
- Precision Oncology
- Clinical Trial Modernization
- Clinical Trial Matching & Recruitment
- EMR / EHR / Digital Platform Interoperability
- Federated Data Sharing
- Clinical Trial Management Systems
- Electronic Data Capture
- Real-World Data & Real-World Evidence
- Cancer Disease Registries
- Genomics & Multi-Omics
- Drug and Biomarker Development
- Digital & Computational Pathology
- Systems Biology
- Imaging & Enterprise Imaging
- Translational Research Platforms
- Data-as-a-Service
- Data Governance, Sharing & Standards
- Digital Platforms
- Cloud Computing
- Advanced Analytics
- Biostatistics & Bioinformatics
- Digital Patients & Next-Generation Cancer Models
- Emerging Technologies
- NCI CCSG Shared Resources and Core Facilities

How Ci4CC Initiatives Are Selected

Ci4CC does not establish an Initiative solely because a company wishes to sponsor a program. Potential Initiatives are evaluated based on their strategic relevance to Cancer Centers and their potential to address meaningful clinical, research, data, technology, or operational challenges.

- Address a clearly defined and important Cancer Center need.
- Align with Ci4CC's mission and national strategic priorities.
- Have relevance across multiple Cancer Centers rather than a single institution.
- Benefit from multidisciplinary Cancer Center and industry collaboration.
- Introduce a meaningful technology, scientific, data, clinical, or operational innovation.
- Have the potential to generate measurable outcomes or actionable recommendations.
- Support development of shared frameworks, standards, best practices, or evidence.



- Have potential for national dissemination, publication, demonstration, or continued collaborative development.
- Provide an appropriate foundation for a sustained Cancer Center–industry strategic alliance.

Following initial review, selected concepts move into an Initiative Planning and Whiteboarding Session to determine scope, participating stakeholders, governance, milestones, and potential deliverables.

Sponsor & Strategic Partner Value Proposition

- **Cancer Center Collaboration:** Engage directly with Cancer Center leaders, clinicians, researchers, informaticians, data scientists, technology executives, and other subject-matter experts around a defined strategic challenge.
- **Real-World Insight:** Better understand Cancer Center workflows, technology environments, unmet needs, adoption barriers, interoperability challenges, and implementation priorities.
- **Collaborative Product & Strategy Feedback:** Create a structured environment for Cancer Center experts to provide feedback on emerging technologies, platforms, workflows, and strategic approaches.
- **National Thought Leadership:** Participate in Ci4CC conferences, workshops, webinars, working groups, publications, and other educational forums associated with the Initiative.
- **Strategic Market Intelligence:** Gain insight into emerging Cancer Center priorities and how leading academic and community oncology organizations are approaching AI, clinical trials, precision oncology, data infrastructure, and interoperability.
- **Evidence & Publication Opportunities:** Where scientifically and operationally appropriate, collaborate around position papers, frameworks, assessments, case studies, best practices, and peer-reviewed or industry publications.
- **National Visibility:** Strategic partners may receive recognition across Ci4CC meetings, digital programs, Initiative activities, and other Society channels according to their partnership level.
- **Long-Term Strategic Alliance Development:** Initiatives demonstrating meaningful alignment and value may evolve into multi-year collaborations involving broader Cancer Center participation, expanded working groups, additional research or technology evaluation, and national dissemination.

From Sponsorship to Strategic Collaboration

The goal of the program is to move beyond transactional sponsorship toward sustained partnerships where Cancer Centers and industry jointly examine important problems and develop practical pathways forward.

Interoperability | Electronic Medical Records | Artificial Intelligence | Data Sharing | Clinical Research | Drug Development | Precision Oncology | Real-World Evidence | Digital Infrastructure



The result is a collaborative environment in which technology, science, industry, and Cancer Center expertise converge to accelerate innovation and improve cancer research and care.

Featured Active Society Initiatives

- Artificial Intelligence in Oncology
- Digital Platforms for Translational Research
- Large Language Models for Clinical Trial Optimization
- Precision Oncology Platforms
- Next-Generation Cancer Models, including Organoids
- Clinical Trial Matching & EMR Interoperability
- Real-World Data, Evidence & Operations
- Data Governance, Data-as-a-Service, Sharing & Standards
- Value-Based Care & Revenue Cycle Management
- Cancer Research Infrastructure & CTMS Evolution
- Applied Translational Research: The Digital Patient

Pathway to Launch a Collaborative Initiative

1. Submit an Initiative Concept

Provide a brief draft outlining the proposed Initiative's overarching challenge, strategic goals, approach, and hypothesis.

2. Strategic Review

Ci4CC reviews the concept for alignment with Cancer Center priorities, national relevance, potential participants, and suitability for the Initiatives Program.

3. Initiative Planning & Whiteboarding Session

Selected concepts advance to a one-hour strategic whiteboarding session to refine the opportunity, objectives, stakeholders, and potential deliverables.

4. Develop the 12-Month Strategic Roadmap

Ci4CC and the strategic partner collaboratively establish the Initiative structure, milestones, working groups, meeting cadence, deliverables, and measures of success.

5. Establish Publication & Dissemination Strategy

Where appropriate, establish an Initiative Publication Planning Committee and identify opportunities for position papers, frameworks, case studies, presentations, or peer-reviewed publications.

6. Finalize the Strategic Partnership

Participation is formalized through an Initiative agreement aligned with the current Ci4CC Prospectus and selected partnership level.



7. Launch the National Initiative

Ci4CC convenes the appropriate Cancer Center and industry stakeholders and begins the structured 12-month program. Successful Initiatives may subsequently expand into two- or three-year strategic alliances based on mutual objectives and demonstrated value.

Program Investment & Strategic Partnership Levels

12-Month Initiative Programs | Annual Investment: \$100K – \$2M

Partnership structure is based on the scope of the Initiative, organizational maturity, level of Cancer Center engagement, strategic services required, and desired national visibility.

Emerging Innovation Partner — \$100,000 annually

Designed primarily for startups and emerging organizations.

- 12-month Ci4CC Initiative participation
- National Alliance Steering Committee participation
- Monthly Initiative meetings and whiteboarding sessions
- Spring or Fall Symposium Platinum Keynote opportunity
- Spring or Fall Workshop presentation opportunity
- Spring & Fall exhibit opportunity
- Strategic Cancer Center engagement associated with the Initiative

Growth Strategic Partner — \$200,000–\$500,000 annually

Designed primarily for growth-stage organizations, including Series A/B/C-funded companies.

- Includes Emerging Innovation Partner components
- Participation across both Spring and Fall programs
- Two keynote/workshop opportunities
- Expanded strategic planning
- Broader Cancer Center stakeholder engagement
- Initiative roadmap development
- Publication and thought-leadership planning

National Strategic Alliance Partner — \$500,000 – \$2M annually

Designed for established, large-scale, or publicly traded organizations seeking a broader national collaboration.

- Includes preceding partnership components
- Benefactor-level recognition
- Expanded national Initiative engagement
- Full-year platform or strategic program evaluation, as applicable
- Quality-assurance and structured feedback program
- Go-to-market strategic planning
- Expanded executive and Cancer Center engagement



- Customized national visibility strategy
- Opportunity to develop a pathway toward a multi-year strategic alliance of up to three years

Included Across Initiative Partnership Levels

All Ci4CC Initiatives include Society-organized National Alliance Steering Committee meetings, collaborative working sessions, and strategic whiteboarding activities appropriate to the scope of the Initiative. Specific Cancer Center participation, deliverables, evaluation activities, publications, presentations, and strategic services are defined within each Initiative's approved roadmap and agreement.

Begin an Initiative

Organizations interested in proposing a new Ci4CC Initiative should begin by submitting a brief concept outlining:

The Problem → The Opportunity → The Proposed Innovation → Why It Matters to Cancer Centers → Desired Outcomes

Following review, selected concepts will be invited to participate in an Initiative Planning and Whiteboarding Session. For strategic planning and Initiative development, coordinate with the Medical Oncology, Life Sciences & Precision Medicine Innovation Strategy Lead.

Contact

Ci4CC Initiatives Prospectus & Partnership Information

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