

# ALKEMIO

*This start-up is supported by [LatAm to Tulsa](#), a strategic initiative of Tulsa Local Ventures and the George Kaiser Family Foundation to help international founders scale their companies access capital and integrate into a growing innovation ecosystem from Tulsa.*

## About the company

[Alkemio](#) is developing a new generation of rare-earth separation technologies grounded in molecular design, materials science, and engineering. Our mission is to make access to critical materials cleaner, more resilient, and more widely distributed—so the technologies that move the world forward can be built sustainably and closer to where resources originate.

We believe that ambitious goals are achieved by teams who trust each other and bring new perspectives to the table. As we advance toward commercial deployments, we're looking for people who are driven by purpose—people who want their work to matter, who find energy in building relationships, who lean into uncertainty, and who are inspired by the chance to help shape a more sustainable future.

## Job Title: Chief Technology Officer

**Status:** Exempt  
**Supervisor:** CEO  
Full-time  
Hybrid, Tulsa-based

### Position Overview:

As a Head of Business Development, you will drive Alkemio's commercial growth by identifying strategic opportunities, building meaningful partnerships, and shaping the pathways that bring our technology into industry. You will operate at the intersection of strategy, relationship building, and execution—engaging stakeholders, understanding market needs, and translating early conversations into structured collaborations.

You will work closely with the CEO to align commercial priorities with Alkemio's broader strategic direction, and you will also support fundraising efforts by helping refine our value proposition and strengthening relationships with current and prospective investors. In this role, you will play a central part in positioning Alkemio for its next stage of scale and long-term impact.

### Key Responsibilities:

- Lead Alkemio's technical strategy from pilot to commercial deployment.
- Oversee engineering, process development, and pilot-scale execution.
- Build and manage multidisciplinary technical teams.
- Ensure technical readiness for pilots, demos, and customer implementations.

- Drive process optimization and scaling of the separation platform.
- Collaborate with commercial and operations teams to align technology with market needs.
- Represent Alkemie in technical discussions with partners, customers, and investors.

**Requirements:**

- 5+ years of experience in mining, mineral processing, hydrometallurgy, or related industries.
- Leadership experience overseeing R&D, engineering, or technical operations.
- Degree in Engineering, Chemistry, Metallurgy, Materials Science, or related field.
- Strong communication and cross-functional collaboration skills.
- High resilience and comfort operating in uncertain, fast-changing environments.

**Nice-to-Have:**

- Experience with Rare Earth Elements or critical minerals.
- Proven track record taking technologies from pilot toward industrial scale.
- Experience engaging investors or fundraising processes.
- Master's or PhD in a relevant field.
- Fluency in Spanish.

**Physical Requirements:**

- Position requires sitting or standing and working with a computer for extended periods of time
- Must be able to provide individual transportation to local events and meetings.
- Must be open to domestic and international travel.

**What We Offer:**

- Competitive salary commensurate with experience and skills.
- Equity incentive as part of total compensation package.
- Flexible time off and hybrid work opportunities across Tulsa and Buenos Aires-ARG.

**How to Apply:**

1. Complete the following Google Form:  
<https://docs.google.com/forms/d/e/1FAIpQLSdP6SsimdpBz8ntZdY8tpenZFNdIMPSb4h5iUWAih50c106Q/viewform>
2. Submit your Resume and Cover Letter\* to [info@alkemie.bio](mailto:info@alkemie.bio)

\* Cover Letter should explain why this position resonates with you and what draws you to Alkemie. Briefly describe a few achievements that reflect your experience in driving commercial opportunities and show how your background connects with the challenges and possibilities of this role.