IDENTIFYING INFORMATION:

NAME: Scott, Lance A

PERSISTENT IDENTIFIER (PID): https://orcid.org/0009-0005-2990-1800

POSITION TITLE: CEO

PRIMARY ORGANIZATION AND LOCATION: Calcify LLC d/b/a Carbon Capture Machine (CCM), Trumbull, Connecticut, United States

Professional Preparation:

ORGANIZATION AND LOCATION	DEGREE (if applicable)	RECEIPT DATE	FIELD OF STUDY
Pepperdine University, Graziadio School of Business and Management, Malibu, California, United States	Graduate Student	06/2015 - 07/2015	Certificate in Private Capital Markets (CIPCM)
University of Bridgeport, Bridgeport, Connecticut, United States	BS	09/1982 - 05/1987	Electrical Engineering

Appointments and Positions

2022 - present	CEO, Calcify LLC d/b/a Carbon Capture Machine (CCM), Trumbull, Connecticut, United States
2021 - present	Founder & CEO, Alliance CleanTech, Trumbull, Connecticut, United States
2019 - present	Founder & CEO, Alliance MedTech, Trumbull, Connecticut, United States
2019 - present	Secretary and Board Member, Angel Investor Forum (AIF) , Fairfield, Connecticut, United States
2008 - 2018	President & CEO, EAO Corporation, Americas, Shelton, Connecticut, United States
2007 - present	Founder & CEO, Alliance Technologies, Trumbull, Connecticut, United States
2004 - 2007	President & CEO, COMET Technologies USA, Shelton, Connecticut, United States
1999 - 2004	President & CEO, FEINFOCUS GmbH / FEINFOCUS Americas, Stamford, Connecticut, United States

Products

1. Scott LA. Finalist – Go Build 2026: Greentown Labs, Amazon, and the Global CO_2 Initiative at the University of Michigan. [Internet]. Greentown Labs - Go Build 2026; 2026 April.
2. Scott LA. Finalist – Louis Dreyfus Company (LDC) and MassChallenge Switzerland LDC Climate Resilience Prize 2025. [Internet]. MassChallenge Switzerland and Louis Dreyfus Company; 2025 October.
3. Scott LA. Winner - World's Most Innovative Companies. [Internet]. Carbon Capture Machine recognized in Annual List of the World's Most Innovative Companies of 2024; 2024 April. Available from: https://www.fastcompany.com/91038639/carbon-capture-machine-most-innovative-companies-2024
4. Scott LA. US Department of Energy (DOE) Awardee: DE-EE00010852. [Other]. U.S.

Department of Energy (DOE); 2023 October.

5. Scott LA. US Department of Energy (DOE) Awardee: DE-FE0032399. [Other]. U.S. Department of Energy (DOE); 2023 August.
6. Scott LA. Winner – Ofwat (UK) Innovation Fund Water Breakthrough Challenge.. [Other]. Ofwat Innovation Fund (UK); 2022 July.
7. Scott LA. Navigating the Challenges of the Americas Market: The Comparatively High Cost of Doing Business. U.S. Tech. 2019 October 10; :16. Available from: https://allianceamericas.com/wp-content/uploads/4.US-Tech_Management_Oct-2019.pdf
8. Scott LA. Navigating the Challenges of the Americas Market: Intensive Focus on New Technology Adoption. U.S. Tech. 2019 October 10; :16. Available from: https://allianceamericas.com/wp-content/uploads/4.US-Tech_Management_Oct-2019.pdf
9. Scott LA. Navigating the Challenges of the Americas Market: The Evolving U.S. Role in Global Manufacturing. U.S. Tech. 2019 June 10; :16. Available from: https://allianceamericas.com/wp-content/uploads/2.US-Tech_Management_June-20191.pdf
10. Scott LA. Navigating the Challenges of the American Market: The Impact of a Vast Geographic Territory. U.S. Tech. 2019 May 10; :16. Available from: https://allianceamericas.com/wp-content/uploads/US-Tech_Management-page_May-2019.pdf
11. Scott LA. Navigating the Challenges of the American Market. U.S. Tech. 2019 April 10; :16. Available from: https://allianceamericas.com/wp-content/uploads/US-Tech_Management-page_May-2019.pdf
12. Scott LA. Distinguishing Strategies: X-Ray Manufacturers at APEX. U.S. Tech. 2019 March 10; :16. Available from: https://allianceamericas.com/wp-content/uploads/March-MGT-Page.pdf
13. Scott LA. ML100 Manufacturing Entrepreneur Award. [Other]. Frost & Sullivan; 2013 June.
14. Scott LA. ML100 Innovative Enterprise Award for HMI systems manufacturing. [Other]. Frost & Sullivan; 2013 June.
15. Scott LA. Human Machine Interface Systems for Production Applications. SMT Magazine. 2011 October 01. Available from: https://www.researchgate.net/publication/298140558_Human-machine_interface_systems_for_production_aplications
16. Scott LA, Torzillo J. Designing with Emergency-Stop Switches. Machine Design Magazine. 2010 June 01. Available from: https://www.machinedesign.com/archive/article/21834624/designing-with-e-stop-switches
17. Scott LA, Lechner A. X-ray Nano-Tomography Advancements and Roadmap. SEMATECH AAF (Advanced Analytics Forum). 2006 November 01.
18. Scott LA. How Contacts Make and Break can Minimize Arcing, Welding and Bounce. Design World. 2010 April 01. Available from: https://www.designworldonline.com/How-Contacts-Make-and-Break-can-Minimize-Arcing--Welding-and-Bounce/
19. Scott LA. Deloitte Fast 50 - COMET recognized among Connecticut's fifty fastest growing technology companies. [Other]. Deloitte; 2004 March.

20. Scott LA, Lowe C. Volume CT (Computed Tomography) Offers 3D Information on Defects in Manufacturing. Digital Imaging VI - ASNT Technical Conference. 2003 August 01.
21. Scott LA. X-ray Visionary Penetrates to the Future. The Connecticut Tech Tribune. 2002 November 01.
22. Scott LA, Reinhold A. The X-ray Inspection Revolution. Advanced Packaging Magazine 10th Anniversary Insights. 2002 September 01.
23. Scott LA, Glassser F., inventors. Calcify LLC d/b/a Carbon Capture Machine (CCM), assignee. CIRCULAR SYSTEM TO TRANSFORM CO2 EMISSIONS INTO DURABLE MINERALIZED CARBONATES WITH RECYCLING OF SOLVENTS, WATER AND HEAT. United States PCT/US2025/013950. 2025 August 07.

Certification:

I understand that I have been designated as a covered individual by the Federal funding agency.

I certify to the best of my knowledge and belief that the information contained in this Biographical Sketch Form is true, complete, and accurate. I understand that any false, fictitious, or fraudulent information, misrepresentations, half-truths, or omissions of any material fact, may subject me to criminal, civil or administrative penalties for fraud, false statements, false claims or otherwise. (18 U.S.C. §§ 1001 and 287, and 31 U.S.C. 3729-3733 and 3801-3812). I further understand and agree that (1) the statements and representations made herein are material to DOE's funding decision, and (2) I have a responsibility to update the disclosures during the project period of the award should circumstances change which impact the responses provided above.

I also certify that, at the time of submission, I am not a party in a malign foreign talent recruitment program. I further understand should I take action to involve myself with a Malign Foreign Talent Recruitment Program during the period of performance of the award, I must notify the recipient's Authorized Agent immediately, but no later than five business days of taking such action and immediately recuse myself from all DOE awards.

Certified by Scott, Lance A in SciENcv on 2026-05-01 17:43:42