**Founded:** September, 2022  
**Employees:** 1 FT, 3 PT

**Leadership Team:**

- **Katy Jinkins, PhD**  
  CEO, Co-founder, Co-inventor  
  Materials scientist and engineer with 10 years technical experience, expert in nanotube assembly/devices

- **Michael Arnold, PhD**  
  Chief Technical Advisor, Co-founder, Co-inventor  
  Professor of Materials Science, UW-Madison, world renowned expert in nanotubes and nanotube electronics

- **Jeff Moore**  
  Strategy & Commercial Support Advisor  
  Seasoned advanced material experience, $25M+ in non-dilutive funding at last startup prior to exit, strong operations capability

**Problem:** Current semiconducting materials are unable to meet performance and room temperature integration requirements necessary for radiofrequency (RF) components in next-gen devices

**Solution:** SixLine’s Aligned Carbon Nanotubes

- Solved fundamental 30yr challenge of creating dense, highly aligned, semiconducting nanotubes for broad platform integration
- Drop-in technology / process reduces barrier for adoption
- Selective nanotube deposition in registered locations enables multi-step fab processes/integration
- Processes are intrinsically scalable / manufacturable
- IP is protected by 8+ patents including composition of matter

**Superior Performance/Cost Advantages**

- Projected frequencies $3-8 \times$ over conventional materials
- 1D form factor leads to faster device switching
- Larger data transmission bandwidths
- 30-60% lower IC chip costs vs GaAs
- 250% more domestic fab facilities accessible

**Market:** The RF wafer market was $2B in 2019 and is expected to grow at 8.8% CAGR driven by rising demand for consumer electronic devices, IOT, etc.

**Achievements:**

- Uniform alignment across 4” wafer
- State-of-the-art DC transistor performance

**Seeking:** Industrial Collaboration and Initial Investment Funding