

# Cenfluence<sup>SM</sup> Central Florida Cluster Initiative

## Cluster Member Catalog





**Energy +  
Environmental  
Sciences**

360 Matrix  
 A Sustain  
 Capacitech Energy Inc.  
 Copower USA  
 Duke Energy Sustainable Solutions  
 ecoPreserve  
 ecoSPEARS  
 Flux  
 Fulcrum International Inc.  
 Green Actioneers  
 Halo Engines  
 Hydronomy Inc.  
 Improving Aviation  
 Kationx Corp  
 LuftCar LLC  
 Multicore Technologies  
 Novineer  
 Orlando Utilities Commission  
 Precision Periodic  
 Semplastics  
 Sensatek Propulsion Technology  
 SynMatter  
 TECO Energy  
 Truventic  
 Violet Defense  
 Wagner Star Industries - Box of Scraps



**Gaming,  
Entertainment  
+ eSports**

302 Interactive  
 A Square Games & Simulation  
 BLUNT Digital Media Collective LLC  
 Bold Technologies  
 BrandXR  
 Burnout Game Ventures  
 Captilight Games  
 Cat 5 Studios  
 Dragonfly CGArtwork LLC  
 Echo Interaction Group  
 FENIX Digital Studios  
 Not Suspicious LLC  
 Player Epic  
 Qwikcut LLC  
 Rightible  
 SimBlocks.io  
 Talon Simulations  
 Unity



**Learning Sciences +  
Human Performance**

Alphaeduc EdTech LLC  
 Anavi  
 ARA Virtual Heroes Division  
 Candid Hire  
 Codecraft Works  
 College Thriver Education Corp  
 Crypto Tutors LLC  
 Cyber Training Technologies  
 Dignitas Technologies, LLC  
 Employers 4 Change  
 Engineering & Computer Simulations (ECS)  
 Envy Labs  
 H2 IT Solutions  
 In.Hand.Book  
 Intuitive Research and Technology Corp  
 ISEA TEK  
 Jacono Studios  
 JHT Incorporated  
 Serious Simulations  
 SIMETRI  
 Soar Technology Inc.  
 Startup Success Platform  
 Step Research  
 Synaptic Sparks Inc.  
 The DiSTI Corporation  
 The Mindful Project  
 TITENN Inc.  
 Unknot.ID Inc.  
 Usencryption Inc.  
 Youth Empowerment Alliance, Inc.



**Life Sciences**

Aviana Molecular Technologies LLC  
 C2C Development LLC  
 ClinCloud Clinical Trials  
 Digital Anatomy Simulations for Healthcare  
 Evren Technologies  
 IDEM Systems  
 imec  
 Kismet Technologies  
 LifeBridge Innovations  
 Limbitless Solutions  
 Micro-grx  
 Nano Discovery  
 Nutriband Inc.  
 Pink Lotus Technologies / POMM  
 Primordia Biosystems  
 Protean BioDiagnostics  
 QledCures LLC  
 RTT Medical  
 Techfit Digital Surgery  
 The Garage  
 Velmeni





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## Cluster Member Spotlight



Aviana Molecular Technologies LLC (Aviana) is an Orlando, FL-based point of care (POC) diagnostic company developing a miniaturized biosensor capable of attaching to a smartphone/smart device through Bluetooth or other wireless connections. The company's diagnostic system is a simple-to-use, potentially highly sensitive diagnostic platform that can accurately, within 10-20 minutes, detect a target infectious disease, biomarkers or proteins in both clinical (human and animal) and scientific research settings. Aviana's biosensor platform uses the latest developments in cellular communications, semiconductor electronics, micro-fluidics and manufacturing methods to create a unique point-of-care diagnostic (POC) platform to detect biomarkers or infections. Because these biosensors are portable, cost-effective and versatile, they can be used in both highly sophisticated health systems and in resource-limited environments which can fill unmet medical needs in the U.S. and around the world, where POC diagnosis can positively impact human health.



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## Cluster Member Spotlight



We provide expertise in front-end product development, proof of concept, regulatory strategy, and pilot production, bringing your innovation medical device product ideas from Concept to Commercialization (C2C).



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## Cluster Member Spotlight



# CLINCLOUD

Mission Guided. People Driven.

We create relationships within our community, optimize advances in medicine & biotechnology, reflect on current processes to identify areas for improvement, educate participants & providers alike on the resources available through clinical research.

ClinCloud LLC was established in 2017. This company was founded on the premise that patient engagement in clinical research is waning. Jessica felt a strong need to bring a sense of community and purpose back into the research space. By leveraging her 7 years of experience in patient recruitment and retention, Jessica sought to build a bridge between the community and effective clinical trial enrollment. The ClinCloud team envisions this connecting space to eventually be a collaborative hub of patients and research sites, facilitating research education and trial enrollment in the “ClinCloud.”



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## Cluster Member Spotlight



Formerly known as the Prototype Development and 3D Printing lab, D.A.S.H. works in the medical, manufacturing and business development fields to train future students & disruptors, and to improve the workflow and development processes for an array of industries.

With a focus on biomedical technology and anatomical modeling, D.A.S.H. innovative technologies improve surgical procedures and make operations, surgical planing, and technical training more precise, streamlined, and affordable for both patients and providers.



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## Cluster Member Spotlight



Evren Technologies, a clinical stage medical device company with a solution for 15+M Americans with PTSD. Evren's device, the Phoenix®, will deliver transcutaneous auricular vagal nerve stimulation (taVNS) in a discreet wireless earbud.



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## Cluster Member Spotlight



IDEM Systems is developing hardware and software tools to streamline the drug intelligence collection process for law enforcement, so that they can adequately combat the U.S. drug epidemic.





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## Cluster Member Spotlight



Imec is a world-leading R&D organization for nanoelectronics and digital technologies. The imec USA Space Health team validates imec's miniaturized technologies in a space-relevant environment focusing on imaging, microfluidics, and organ-on-chip.



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## Cluster Member Spotlight



Kismet Technologies is on a mission to help people live healthier and safer lives. We do this with our patent pending NanoRAD: a material technology that provides safe, long-lasting non-stop virus and bacteria protection on surfaces to prevent the spread of infections.



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## Cluster Member Spotlight



**LIFEBRIDGE INNOVATIONS**

*"Because They Have More Life To Live"*

LifeBridge 10000 has developed a Patented Adaptive Tumor Treating Field Device & Cancer Therapy.



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## Cluster Member Spotlight



Limitless Solutions is a UCF-based nonprofit organization dedicated to empowering individuals through expressive bionic limbs and technology without financial burden.



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## Cluster Member Spotlight



Cloud platform that is set to completely restructure and improve medical education, 10 life sciences, and legal education worldwide.



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## Cluster Member Spotlight



A life science and space technology company focused on developing life science assay technologies for use in LEO. We design & manufacture custom microfluidic systems for human biology research and evaluation on EARTH & SPACE.



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## Cluster Member Spotlight



MyHappyGenes is dedicated to increase the understanding of the underlying causes of mental health issues and advance the cause of natural healing alternatives for those conditions.



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## Cluster Member Spotlight



Nano Discovery Inc. is a biotechnology company based in Orlando, Florida, United States. We manufacture and sell a rapid blood test product, D2Dx™ immunity test, to detect and monitor the immune status and health of farm and companion animals.





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## Cluster Member Spotlight



At Nutriband and our subsidiaries, our core focus is to use innovative drug delivery systems and devices to improve patient outcomes, specifically targeting the Global Opioid epidemic.



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## Cluster Member Spotlight



POMM® is a comprehensive emergency response system for families. POMM® helps parents customize and activate an emergency response for a child in danger by providing critical, real-time data to a designated safety network for timely response.

Unlike other child tracking devices, POMM® enables a comprehensive safety response including coordination with local 911.

As a safety and wellness platform, it was designed to prevent accidents through the use of today's wearable tech and IoT. POMM® continually monitors safety zones and situational conditions. As soon as danger is detected an alert is sent.



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## Cluster Member Spotlight



Primordia Biosystems is delivering a revolutionary microintegrated electrophysiology element that drives new cellular analysis research methods, enables simple, effective biosensors and revolutionizes biologically-driven, artificial intelligence.





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## Cluster Member Spotlight

PR  TEAN  
BIODIAGNOSTICS

Protean BioDiagnostics is an innovative precision oncology diagnostics company with new products to improve screening, diagnosis and management of cancer patients.



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## Cluster Member Spotlight

# QLED Cures

QLED Cures is developing low cost, flexible quantum dot light emitting devices (QLEDs) as thin, light-weight and uniformly large area home-use lighting bandage products that will enable wide clinical acceptance of photomedicine.



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## Cluster Member Spotlight



**RTT MEDICAL**  
Regenerative Tissue Technologies

RTT Medical offers the next generation of regenerative medicine products utilizing our multi-tissue platform.





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## Cluster Member Spotlight



We're using digital twins and 3D printing to digitize the surgical reconstruction workflow. Reducing surgical times, improving accuracy and reducing complication.



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## Cluster Member Spotlight



The Garage is an innovative health IT company re-imagining and marketing breakthrough solutions to enhance patient safety, engagement, and better-coordinated care with a focus on mobile technology, clinical integration, and hands-free applications.





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## Cluster Member Spotlight

# VELMENI

Enter VELMENI, a sophisticated AI that looks deep into dental scans to find the pathologies that even the best dentists miss.