MTEC Collaboration Database Guide

How to: Edit Your Member Profile

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How to Edit Your Member Profile

Login to the MTEC Members-Only Website: https://private.mtec-sc.org/

**Step 1:** Click the “Member Profiles Site” tab then follow the link

**Step 2:** Click the little arrows in the COMPANY NAME field to select your company. You can also use the Keyword Search. Your company name will appear on the right hand side. Click to open.
**Step 3:** Click the Edit button next to the editable fields and enter text.
Step 4: When you are finished entering your text, click the blue save button.
**Step 5:** To add your Technology Capabilities, Collaboration Interests, and Solicitation Collaborations Interests, click edit, select from the drop down menu options and click add.

![Technology Capabilities and Collaboration Interests](image-url)
How to: Edit Your Member Profile in the Collaboration Database

Once complete, your profile will look similar to these Member Profiles:

Example 1

Member Organization

To make changes to the company information or points of contact, email mtec-sc@ati.org

Humacyte, Inc.

3535 NC Highway 54
Durham, NC 27713

Primary Point of Contact

Doug Blankenship

CFO

919-313-8033 x443

dblankenship@humacyte.com

Technology Capabilities

Care of Combat Casualties
Clinical and Rehabilitation Medicine
Military Operational Medicine
Advanced Medical Technologies
Diagnostics

Collaboration Interests

Care of Combat Casualties
Military Operational Medicine
Clinical Trials
Regulatory

Solicitation Collaboration Interests

Core Business Areas / Focus

Humacyte develops novel, human, tissue-based products that will be commercialized for key applications in regenerative medicine and vascular surgery. The company uses a proprietary technology platform to isolate and grow stable "off the shelf" human tissue replacements to pre-design clinical and commercial specifications. Unique in their construction and composition, Humacyte's tissues can grow as large or small diameter tubes for use in vascular surgery and potentially as sheets for patching damaged organs and tissues.

Humacyte's human aortic allografts are formed in vitro using biologic, vascular smooth muscle cells and then dehydrated to eliminate the risk of inflammatory reactions and immunological rejection. Its allogeneic cells from the patient are required in the process. The resulting biologic product has a 1 year shelflife, and is ready to use in the Operating Room environment for patients in need of vascular repair or replacement.

Humacyte's business model is to develop our products through early clinical development, and then license commercialization rights to corporate partners for further market development and commercial launch.

R&D Highlights / Projects

Humacyte currently has multiple clinical trials underway which can be found at ClinicalTrials.gov. Key trials include a late-stage Phase III global pivotal trial for vascular access, and a US-only trial as a vascular access alternative to fistula for patients with ESRD.

Humacyte is also working with the US Casualty Command in a US-based trial for vascular trauma at 6 major trauma centers in the US.

Technical Expertise

Humacyte's technical expertise includes:
- Biomedical Engineering
- Regulatory Affairs management with the FDA and ex-US regulatory authorities
- Regenerative Medicine applications
- Clinical Trial development
- Biotechnology Development strategies
- Financial Management and Fund Raising
- Biotechnology Process Development and Engineering

Other Company Representatives
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Example 2

Member Organization

PROFILE

Critical Innovations LLC

Primary Point of Contact

Ross Donaldson

Company Name

Critical Innovations LLC

201 East Bench Avenue

Primary Contact Information

Vigoosla, CA 92072

(213) 920-8364

rossdanielncriticalinnovations.com

Company Status

Nonprofit

Business Type

Single Entity: Small Business

Technology Capabilities

Collaboration Interests

Solicitation Collaboration Interests

Core Business Areas / Focus

R&D Highlights / Projects

Medical Devices

Example 2 Cont'd

Critical Innovations LLC is an ISO 13485 and DCA compliant, medical research and development company focused on creating cutting-edge solutions to health threats that the open-hospital, hospital, and military environments. The FDA registered small business employs an iterative development methodology focused on human factors engineering to rapidly advance products.

Critical Innovations LLC has strengths in medical devices, software, and telemedicine solutions, including experience with:

- FDA quality system regulations
- Real-time prototyping
- Manufacturing setup and transition
- Unique challenges to military systems, environments, and program management

Critical Innovations LLC is based in Los Angeles, California, and its employees frequently travel to the Washington, D.C., area for government work, making them easily accessible for meetings and demonstrations.

Example 2

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Example 3

Member Organization

To make changes to the company information or points of contact, email mtec-ic@atl.org

Design Interactive, Inc.
3554 Lake Lyndy Drive Suite 403
Orlando, FL 32817

Primary Point of Contact
Luke Deliere
Vice President, Business Development
904-885-6588
luke@designinteractive.net

http://www.designinteractive.net/
1-877-796-0977

Technology Capabilities

Collaboration Interests

Medical Simulation and Interventional Devices
Advanced Medical Technologies
Care of Combat Casualties

Solicitation Collaboration Interests

Core Business Areas / Focus

A VIPS specializing in human factors engineering we strive to optimize human performance by pairing advanced technologies with human-centered design. We have three specific divisions:

- Clinical (HR): This Division focuses on the use of virtual, augmented, and mixed reality technologies to enhance human performance in training and operational domains. We combine excellent VR software development capabilities with our understanding of user-centered design, training scenarios, and customized VR paradigms to deliver effective solutions. This Division manages our portfolio of Medical Augmented Reality work.
- Biofeedback analysis (KAS): This Division focuses on the collection of physiological data via wearable devices, eye-tracking, and other methods and the development of algorithms that classify data into objective measures of cognitive and emotive state such as stress, engagement, pain, fatigue, restlessness, etc.
- Performance Augmentation: This Division represents our core human factors competencies with a focus on understanding human performance gaps and training needs, designing appropriately scaled solutions, and optimizing the interaction of humans with training systems, operational systems, and operational environments.

R&D Highlights / Projects

- Objective Direct Measurement and Integration into a Cognitive Behavioral Therapy Supplemental Tool
- Objective Direct Measurement as a Human Performance Metric in Live Training Environments
- Medical Augmented Reality Portfolio for ‘TCl
- Predictive Mental Readiness: Based on Sleep and Behavior
- Video Capture and Hyper Intuitive Performance Assessment of Instructors

Technical Expertise

- Human Factors Engineering, Human Systems Integration
- Physiological Assessment / Biometrics
- Augmented and Mixed Reality
- Training Analysis, Design, and Development
- Training Effectiveness Evaluation
- User Experience Design
- Biomedical Engineering

Other Company Representatives

Sara Dekhnerowski
sara@designinteractive.net

Erin Baker
erin.baker@designinteractive.net

Chris White
chris.white@designinteractive.net
FAQs

1. Why can't I see the "edit" option when I'm in my profile?
   You do not have the correct permissions to edit. You must be a Primary POC to edit the profile.

2. Why can't I edit any of my company information?
   Company information and points of contact can only be edited by MTEC administrators. Email updates to mtec-sc@ati.org.

3. I am unable to login to the MTEC Members-Only site. How do I gain access?
   Company Primary POCs authorize access to the MTEC Members-Only site. Email mtec-sc@ati.org, and we'll reach out the Primary POC on file for your company to help you gain access to the site.

4. I don't see a particular Capability or Interest available in the drop-down menu. How can I list this in my profile?
   Use one of the free form text fields to list anything you wish to share with members of MTEC.

5. Who can see the information in my profile?
   Anyone with MTEC Members-Only site access can see the information in your profile. Please do not put proprietary information here.

If you have any questions, please feel free to email mtec-sc@ati.org.