

# GIST Innovates Ukraine

## DIGITAL DEMO DAY



**1 December 2020**

9:00 am -12:00pm ET // 4:00 pm - 7:00 pm Kyiv Time

**GIST Innovates Ukraine Digital Demo Day** will showcase the best in current early-stage Ukrainian innovation. Join us for the chance to hear pitches from 18 startups, who will share next steps for their venture and lessons learned along their journey.

All teams are participants in GIST Innovates Ukraine, which provides 8-weeks of accelerated, intensive training in the Lean Startup process. The program focuses on using agile customer discovery to identify and evaluate scalable opportunities, allowing participants to make informed decisions on the best approach for moving forward with commercialization of their innovation.

## INSTRUCTORS



### Heath Naquin

Heath is an Entrepreneurship Training Consultant and instructor for the Global Innovation in Science and Technology (GIST) Initiative on behalf of the U.S. Department of State. He is the Lead Instructor for GIST Innovates Ukraine and the Former Director, on behalf of VentureWell, of GIST innovation and entrepreneurship programs.



### Max Green

Max is an engineer and the Principal of Ratio Flux, an innovation management consulting firm focused on advancing the successful translation of early-stage ideas, science, and tech by offering a variety of solutions designed to foster wealth creation. He has personally led development efforts for more than 500 scientific innovations, yielding over 100 commercial agreements and the formation of 11 technology startups.



### Rhonda Shrader

Rhonda is Executive Director of the Berkeley-Haas Entrepreneurship Program and the National Science Foundation's I-Corps program for the Bay Area Node. She has been a founder or team member for start-ups in biotech, behavioral health, retail, non-profit, and artificial intelligence. She is an advisor for NASA spinoff BrainAid, and recently led the winning teams for both the Health Tech Forum Codeathon and the San Francisco MedHack 2.0 Hackathon.

The Global Innovation through Science & Technology (GIST) initiative is led by the U.S. Department of State. The GIST Regional Startup Training is implemented by VentureWell in partnership with Startup Ukraine.





## GUEST LECTURERS

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### **Marcia Dawood**

Marcia is an investor in over sixty early-stage private companies. She is part of the investment committee for Next Wave Impact Fund, currently serves on the Board of the Angel Capital Association, and is a founding member and current chair of the Growing Women's Capital group, building syndication and collaboration among US investment groups focused on women-led companies.



### **Gregory A. Campbell**

Greg is President & CEO of Rainmaker, Inc., Managing Director of Medingenii, and a member of the Global Advisory Council of Cornerstone Capital Group. He is an entrepreneur, angel investor, and real estate developer, currently serving on the boards of several early-stage companies, providing expertise in strategy, operations, and finance. Greg has held senior marketing and corporate management positions with Pepsi-Cola, PepsiCo, Frito-Lay and CPC International.

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## PARTICIPATING TEAMS

### **Learn Your Brainpower**

Olena Zmazhenko (EL), Natalia Filiminova (TL),  
Mykola Nikiforov (Mentor)

Learn Your Brainpower is a system for evaluating the performance of cognitive functions. It provides an objective quantitative assessment of the innate properties of the nervous system and the structure of memory and intellectual abilities with the purpose of developing personalized learning strategies and successful professional realization.

### **Test kits for veterinary medicine**

Maryna Galat (EL), Olena Semenko (TL),  
Anna Ovchinnikova (Mentor)

Specializing in diagnostics of different diseases, primarily zoonoses, this team aims to create and sell their own test kits for veterinary medicine use.

### **Biosensor for toxins determination**

Viktoriya Pyeshkova (EL), Oleksandr Soldatkin (TL),  
Olga Saiapina (Mentor)

This team has created a biosensor for determination of toxins like heavy metal ions and pesticides.

### **animalstem+**

Anastasiia Sherepitko (EL), Volodymyr Shablui (TL),  
Valeriia Lobyntseva (Mentor)

animalstem+ is a veterinary company that specializes in the treatment of pet diseases where traditional clinical protocols have been inefficient.

### **Lamselmar**

Kseniia Tkachenko (EL), Dmytro Tkachenko (TL),  
Elena Zhylich (Mentor)

LAMSELMAR has developed radar sensors and software for vessel traffic systems and border control with models based on magnetrons, solid states technologies, and modern digital signal processing methods.

### **Biofuel From Waste**

Tetiana Ivanova (EL), Ganna Kulichkova (TL),  
Oleksii Volodko (Mentor)

Biofuel From Waste has produced a technology that will turn biomass from beet molasses production into biogas and plant fertilizers, helping to avoid over 500,000 tons of waste that damages fields and pollutes the environment.



## PARTICIPATING TEAMS CONTINUED

### Vizier

Sergiy Bronin (EL), Volodymyr Sokol (TL), Vladyslav Sokol (Mentor)

Vizier has created a tool that supports the software development process, including Task, Knowledge, and Human Resource Management Systems, along with a Learning Management System that supports adaptive learning.

### Krovospas

Yurii Filipchuk (EL), Petro Manoryk (TL), Michael Kharenko (Mentor)

Krovospas is a next-generation hemostatic agent and a range of devices, designed for emergency and civil applications, that stops arterial bleeding within moments. These devices save lives by initiating clotting faster and more effectively than competing world-leading brands.

### PulseCarb - Smoke Poisoning Monitor

Kateryna Kozytska (EL), Dmytro Velyhotskyi (TL), Olena Tsyplitska (Mentor)

PulseCarb is a device that monitors the health of firefighters in real-time as they extinguishing fires.

### EcoPlane

Oleksander Marynoshenko (EL), Dmytro Zinchenko (TL), Dmytro Khorishko (Mentor)

EcoPlane is developing a specialized aircraft and technologies that will allow for the application of fertilizers and chemicals necessary to support the production of a high volume of agricultural products.

### Melytix

Vladimir Kovalchuk (EL), Maxim Teslya (TL), Danil Yasynskyi (Mentor)

Melytix is a platform that allows convenient viewing and quick analysis of data from various services such as Google Analytics, Google Adwords, Mailchimp and others. With a market size of at least 350,000 active sites with connected GA in Ukraine, we are creating a product to combine numerous platforms.

### Personalized OncoCheckUp

Olha Rossylina (EL), Nadiia Malyshok (TL), Tetiana Yalovenko (Mentor)

ONCO Check-Up provides a unique systemic diagnostic approach to detect cancer through a comprehensive health assessment that includes the analysis of epigenetic markers like miRNAs, blood and urine tests, and genetic counseling to pinpoint the disease prior to certain clinical manifestations.

### Pure Drop

Halina Falfushynska (EL), Anastasiia Chornii (TL), Nataliia Kormylo (Mentor)

Pure Drop is developing biosecurity and toxicological express-diagnostics of cyanotoxins, pesticides, pharmaceuticals and personal care products.

### Granular Microbial Preparation

Vira Hovorukha (EL), Olesia Havryliuk (TL), Oleksandr Tashyrev (Mentor)

This product contains microorganisms that provide fast, effective destruction of toxic solid organic waste with the production of energy (hydrogen and methane). The preparation can also provide precipitation of a wide range of dissolved compounds of toxic metals from sewage.

### RAIM

Viktor Yehorov (EL), Konstantin Habuiev (TL), Alex Stepanov (Mentor)

RAIM is a smart and interactive robotic mannequin designed to attract and engage with in-store consumers, increasing sales and the number of visits to the store. RAIM will collect statistics of potential buyers for the store owner while providing on-site shopping assistance.

### Warm Walls

Serhii Nikolin (EL), Volodymyr Statsenko (TL), Tetiana Hilorme (Mentor)

Warm Walls produces energy-efficient fences that perform the functions of heating and cooling systems, hot water, and energy supply, simultaneously converting energy from alternative sources like solar radiation, environmental heat, and recovered heat from ventilation emissions.

### Diabee

Ivan Pronko (EL), Victoria Charupa (TL), Dariya Loseva (Mentor)

Diabee is an educational & life-changing tool for Diabetes Mellitus Type 2 patients, allowing them to change their nutritional habits and physical activity to more efficiently manage their glucose levels.

### Installation for biogas production from agricultural and other wastes

Anna Drazhnikova (EL), Larysa Chubko (TL), Olena Kuznietsova (Mentor)

This product produces biogas from agricultural waste that can subsequently be used to meet the energy needs of private households and small agricultural enterprises.



## GIST Initiative

The U.S. Department of State's Global Innovation through Science and Technology (GIST) Initiative empowers science and technology innovators in **over 130 emerging economies**.

Through GIST, U.S. experts and businesses have a path to make direct connections with the most promising global entrepreneurs and innovators.

Since 2011, GIST has partnered with American companies such as **Amazon Web Services** and **Microsoft**, to reach our innovation community members globally.

**GIST catalyzes startup solutions** that address economic and developmental challenges **through networking, skills building, mentoring, and access to financing.**

GIST has provided training for over **15,000 startups** who have gone on to generate over **\$250 million in revenue.**

**GIST leverages American business and entrepreneurship experts** in a combination of in-country startup trainings, pitch competitions, investor trainings, and interactive online programs to link the best international entrepreneurs to the United States.

**130+**  
Emerging  
economies

**15,000+**  
Entrepreneurs  
trained

**900,000+**  
Entrepreneurs  
in our network