



**GRIFFISS
INSTITUTE**
CENTER FOR INFORMATION ASSURANCE



**MERGING BUSINESS
AND TECHNOLOGY**



Griffiss Institute

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**WHERE
EPIC
BEGINS**

ABOUT GRIFFISS INSTITUTE

- Building on the technologies developed at the Air Force Research Laboratory's Information Directorate (AFRL/RI), the Griffiss Institute (GI) advocates and facilitates the co-operation of private industry, academia, and government, in developing solutions to critical cyber security and information technology problems.
- Partnering AFRL with private industry and academia, the GI fosters research leading to new solutions in information sciences, and spins out new business opportunities, in the Upstate New York region, locally and nationally.

WHAT WE DO

PARTNERSHIP INTERMEDIARY AGREEMENT (PIA)



The Griffiss Institute supports AFRL/RI through a Partnership Intermediary Agreement (PIA) primarily to enhance AFRL's Technology Transfer Program, created to assure all Air Force science and engineering activities promote the transfer, or exchange, of technology with state and local governments, academia, and industry.

- A PIA is an agreement, between the government and an intermediary organization, (state or local governmental agency or nonprofit entity).
- The PIA facilitates a wide range of licensing and other technology transfer initiatives. Specifically, the GI provides assistance to AFRL/RI in Technology Transfer (T2), assisting in the identification of appropriate industry, academia and/or AFRL/RI technologies for Cooperative Research and Development Agreements (CRADAs), Educational Partnership Agreements (EPAs), licensing, and commercialization.
- The PIA also enhances the identification of new technologies in the private sector that AFRL/RI can utilize and transfer to operational use.

TECHNOLOGY TRANSFER

- The concept of technology transfer, a federally mandated program, is to move ideas, inventions, and technologies, developed in the Federal Laboratories with taxpayer dollars, into the hands of the private sector as quickly as possible, and in a form useful to that community.
- More than merely disseminating information, technology transfer techniques feature marketing of federally developed technology, and products, as well as demonstrating the use of these new technologies when necessary.
- The idea is to get United States companies, and other private sector entities, involved in the development of federal technology, and technology products, at an early stage so that the end result is useful to United States industry, and can make the U.S. more competitive in world markets.



INNOVATION DISCOVERY EVENT WORKSHOPS

- Innovation Discovery Event (IDE) Workshops are formal events to assist AFRL scientists in realizing the potentially patentable and commercially viable opportunities of their projects, and to increase understanding of the commercialization opportunities that can result from technology transfer.
- Technology discussions are presented and reviewed by panelists where many suggestions for commercial applications are identified and discussed resulting in a determination to seek a patent.



AFRL COMMERCIALIZATION ACADEMY

- The AFRL Commercialization Academy is a Griffiss Institute entrepreneurial education program sponsored by the Air Force Research Laboratory Information Directorate.
- Since 2014, the Academy has paired high-caliber founders and high-potential AFRL technologies with the goals of developing entrepreneurial leaders and launching new technology ventures.
- The AFRL Commercialization Academy program consists of three component tracks which run concurrently:
 - Entrepreneurship education for founders;
 - Technology due diligence, ideation, and market validation;
 - Team and company formation, technology licensure, and business acceleration.
- Twice a year, the Commercialization Academy gathers teams drawn from both local areas and across the country; comprised of students, veterans, and seasoned business professionals. Teams complete the four-month Commercialization Academy curriculum qualifying them to pitch to local investors, stakeholders, and funding partners at a Demo Day event.



SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (STEM) EDUCATION

- The GI engages in a multitude of STEM community outreach activities that are geared towards middle school to high school-age students.
- Annual AFRL Challenge Competition, numerous STEM-themed summer camps, and the year-long math oriented DimensionU program and tournament, are a few examples of the STEM outreach that the GI facilitates.



THE INFORMATION DIRECTORATE RECEIVED THE PRESTIGIOUS 2014 FEDERAL LABORATORY CONSORTIUM FOR TECHNOLOGY TRANSFER NATIONAL STEM AWARD BASED UPON THE TEAMING OF THE GI AND AFRL/RI WORKFORCE!

STEM SUMMER CAMPS

- In cooperation with AFRL and other technical organizations in the area, the Griffiss Institute provides multiple sessions of five separately theme camps: Arduino, Cyber, Engineering, LEGO® Robotics, and sUAS/Drone.
- Summer STEM Camps provide students the opportunities to further their education beyond the classroom. Students learn real skills that can be directly applied to STEM careers and education.

AFRL CHALLENGE COMPETITION

The AFRL Challenge Competition is an annual competitive STEM initiative for local high school students. It is held during a week when students are on a school break and its intent is to provide a more realistic view into the types of high tech problems the nation is facing today, and how engineers, scientists, and researchers go about dissecting and solving these problems. The best explanation to describe the competition is “mental marathon”. The Challenge Competition gives many of the participants a new perspective on the fields of science, technology, engineering and math, and an opportunity to compete for paid summer internships at AFRL/RI, and other prizes.



CAREER & SCIENCE FAIRS, LAB TOURS, AND TEACHER TRAINING WORKSHOPS

- At Career & Science Fairs, AFRL/RI researchers provide information about AFRL/RI careers and educational background requirements to middle and high school students. Lab Tours expose students to various AFRL/RI technologies.
- Teacher Training Workshops train teachers in educational areas outside the standard curriculum



For more information on AFRL STEM Outreach, please contact Jeff DeMatteis at 315-330-7132 or RRS-STEM.Outreach@us.af.mil

GRIFFISS INSTITUTE BUSINESS INCUBATOR

START A BUSINESS! GROW YOUR BUSINESS! IMPROVE YOUR BOTTOM LINE!

The Griffiss Institute Business Incubator (GIBI) staff is uniquely qualified through academic, technical, and practical experience to help you do that. We offer counseling, guidance, hands-on assistance, and in some instances, financial support to our clients. **Contact us at incubator@griffissinstitute.org**



- Certified New York State Business Incubator providing support for innovative small businesses and startups in Central New York.

LOGISTICS, TECHNICAL AND EDUCATIONAL SERVICES

- One-on-One Coaching
- Guidance on working with AFRL and the Local High-Tech Business Community
- Business Training, Education and Seminars
- Government Contracting Assistance
- Support for Service Disabled Veteran-Owned Businesses
- Facility and Personal Security Clearance Guidance and Support
- Professional Certification Courses
- High Speed Network Access
- Space and Facilities Support

