



UVM Resources for the Vermont Inventor

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What I Hope to Accomplish

- Give you an overview of UVM and the different types of resources available at UVM
- Talk through what you need to have prepared before you approach a UVM resource
- For each resource provide:
 - A general description
 - How to access it
- Answer any questions

UVM Mission

To prepare students to lead productive, responsible, creative lives and to create, interpret and share knowledge, applying it for the benefit of Vermont and society as a whole.

Through our efforts the University of Vermont will have a superior national reputation:

- As a university combining outstanding teaching with the research focus, faculty excellence, programmatic range and depth, and societal mission of a research university;
- As a vibrant, diverse, and intellectually engaged community on a human scale;
- As a place that emphasizes academic excellence and provides an exceptional student-centered experience extending beyond the classroom; and
- As a leader in liberal education and in the study of the environment and of health.

What's Available at UVM?

- Programs/Research Centers
- Professors/Researchers
- Students
- Facilities

What should you have?

- A project – with specific aims and goals
- A good understanding of what the UVM resource might be able to provide to help you
- In most situations, you'll need money or
 - A potential funding source
 - SBIR/STTR grant opportunity
 - A project that has a direct impact on the UVM mission.
- Time

UVM Programs and Centers

- Vermont Patent & Trademark Depository Library
- EPSCoR
- Vermont Genetics Network
- Vermont Advanced Computing Center
- Vermont Business Center at UVM
- VCET – UVM Affiliate

Vermont Patent and Trademark Depository Library

- A library designated by the U.S. Patent and Trademark Office (PTO) to receive and house copies of U.S. patents and patent and trademark materials, to make them freely available to the public, and to actively disseminate patent and trademark information.
- A PTDL can provide:
 - Access to all patents, reexamination certificates, statutory invention registrations (SIRs), post-issue patent status information
 - Access to the Official Gazette of the U.S. Patent and Trademark Office (both patent and trademark sections)
 - **All PTO search tools, indices and directories**
 - Various other services and USPTO products
- The USPTO PTDL website: <http://www.uspto.gov/go/ptdl/>
- VPTDL Contact: Scott Schaffer scott.schaffer@uvm.edu 656-2503

Experimental Program to Stimulate Competitive Research (EPSCoR)

- Vermont EPSCoR
 - Provides strategic programs and opportunities that stimulate sustainable improvements R&D capacity and competitiveness
 - Helps advance science and engineering capabilities for discovery, innovation and overall knowledge-based prosperity
- FUNDING OPPORTUNITIES
 - SBIR Phase 0
<http://www.uvm.edu/EPSCoR/index.php?ContentID=8>
 - Innovation Fund
<http://www.uvm.edu/EPSCoR/index.php?ContentID=102>
 - Use of Facilities for the Private Sector
<http://www.uvm.edu/EPSCoR/index.php?ContentID=103>
- Vermont EPSCoR website: <http://www.uvm.edu/EPSCoR/>
- VT EPSCoR Director: Judith Van Houton EPSCoR@uvm.edu
- Project Contact: Lillian.Gamache@uvm.edu 656-7969

Vermont Genetics Network (VGN)

- Building Vermont biomedical research infrastructure, including physical and human resources
- Contacts and opportunities to use and access biotech equipment and facilities in and outside of VT
- VGN website: <http://www.uvm.edu/~vgn>
- VGN Director: Judith Van Houton
Vermont.GeneticsNetwork@uvm.edu 656-4087

Vermont Advanced Computing Center

- High performance computing resources for the support of data rich research and application work.
- Contacts and opportunities to use and access these facilities directly and other facilities via Internet 2.
- VACC website: <http://www2.uvm.edu/~vacc/>
- VACC Interim Director: Chris Allen
Christopher.Allen@uvm.edu 656-9892

Vermont Business Center

- VBC offers:
 - Management development seminars
 - Training needs assessment services and custom training programs.
 - Also affiliated with VBC is the Vermont Family Business Initiative (VFBI) that provides a training and support network to family businesses in the state
- VBC website: <http://www.uvm.edu/vbc/>
- VBC Director: Daniel Van Der Vliet 656-4033

Vermont Center for Emerging Technologies (VCET)

- VCET is a leading-edge technology business incubator offering selected early-stage businesses traditional incubator services such as:
 - furnished office and laboratory space
 - business consultation
 - shared office equipment
 - administrative support
 - business education and workshops.
- VCET website: www.vermonttechnologies.com
- VCET Director: David Bradbury
David.Bradbury@uvm.edu 656-3880

UVM Professors and Researchers

- How do you find one?
- How do you work with one?
- Why it might not work out.....

How do you find one?

- Campus Experts Database
 - Go to: <http://www.uvm.edu/~uvmpr/>
 - Click on Media Resources, then Campus Experts in side bar.
- Contact Paul Hale, Associate VP for Economic Development paul.hale@uvm.edu 656-3119
- Contact the Office of Technology Transfer OTT@uvm.edu 656-8780

How do you work with one?

- Service Contract
 - Set of experiments solely to provide data
- Sponsored Research
 - In depth research question and experimentation. Intellectual contribution.
- Consulting
 - Work-for hire. No use of UVM facilities.

How do you work with one?

- Understand where your proposed project fits with that investigator's own research
 - Website information
 - Journal articles/patents
- Have funding and/or a grant opportunity
- Contact and discuss the project
- If you reach the point where you have project and need a contract: Contact me.

Why it might not work out.....

TIME AND MONEY

UVM Students

- Internships/Summer Jobs
- Student Experience in Engineering Design
- CDAE Courses and Special Problems
- School of Business Administration

Internships/Summer Jobs

- Go to the General Career Website
 - <http://www.uvm.edu/career/>
 - Click on Employers and contact the Internship Coordinator, Mary.Barritt@uvm.edu, for more information
- Go to the career page at a specific college or department
 - For example: <http://asci.uvm.edu/intern/>
 - Or Click on Current Students then Career at any Department or College web page.

Student Experience in Engineering Design (SEED)

- UVM electrical and mechanical engineering seniors work with industry on year-long, real-world design projects
- A SEED project offers the opportunity to work directly with seniors (potential hires) with entry level engineering skills.
- <http://www.uvm.edu/~cems/soe/?Page=seed/default.php>
- Contact Mike Rosen at 656-2318 or mrosen@uvm.edu20.

CDAE Courses and Special Problems

- Professor Kathleen Liang supervises student teams for semester long special projects such as initial marketing and business data and plans.
- Contact Professor Liang at either 656-0754 or at cliang@uvm.edu

School of Business Administration

- Integrated Product Development Course -
Jerry Manock – jcmanock@mac.com
- Marketing Club – Amy Tomas
atomas@bsad.uvm.edu 656-4711

UVM Facilities

- VACC/VGN Resources
- Other Basic and Expensive Equipment
 - Use of Research Facilities Policy
 - How to find something
- Instrument and Model Facility

Other Basic and Expensive Equipment

- Contact a Campus Expert in the area you are working in and ask if a piece of equipment is available.
- On main, college, or department webpage: Type “Research Resources” and you should find a link to either a general description of the equipment available or specific links to core facilities.
- General policy for use of such resources by outside entities can be found here:
<http://www.uvm.edu/~uvmppg/ppg/grants/researchfacil.pdf>
- Need contract help, contact me.



Instrument and Model Facility