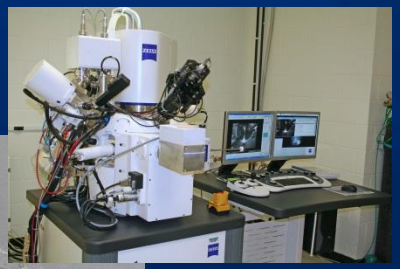
Teri Hamelin, CRF Business Director
CRF@uml.edu 978.934.6421

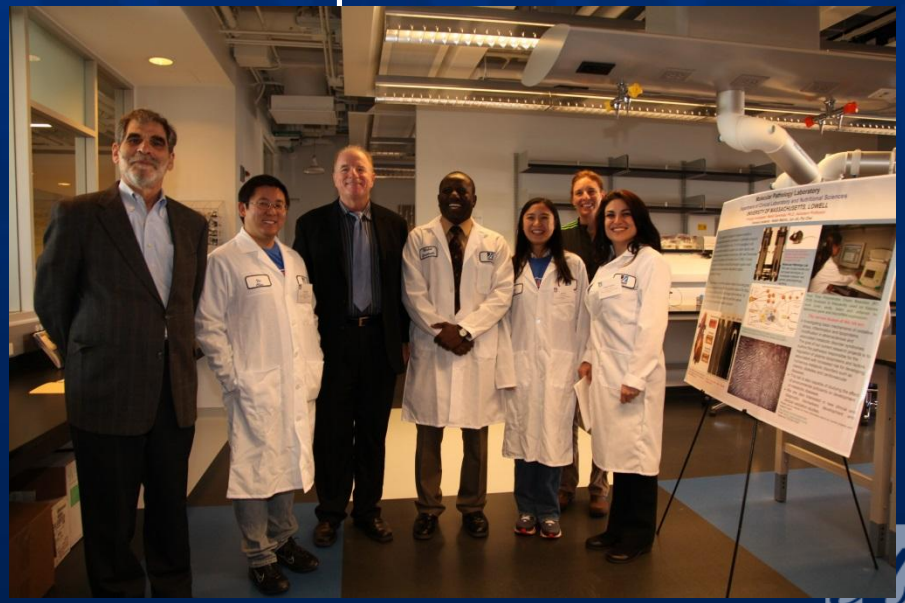
UMass Lowell Core Research Facilities

Goals

Provide shared laboratories, facilities and services to the research community. We serve our students, faculty, industry start-ups, small and large businesses, non –profits and academic institutions.

Provide “bridge” to faculty expertise and campus resources.





Easy Access CRF

http://www.uml.edu/Research/CRF

- Apply for an account on-line
- CRF Agreement executed using e-signature
- Use on line reservation and ordering system
- Invoices emailed on a monthly basis
- Credit cards and check payment accepted
- Industry Partnership rates available. Contact CRF Business Office for more information.

Current Core Research Facilities

http://www.uml.edu/research/CRF/

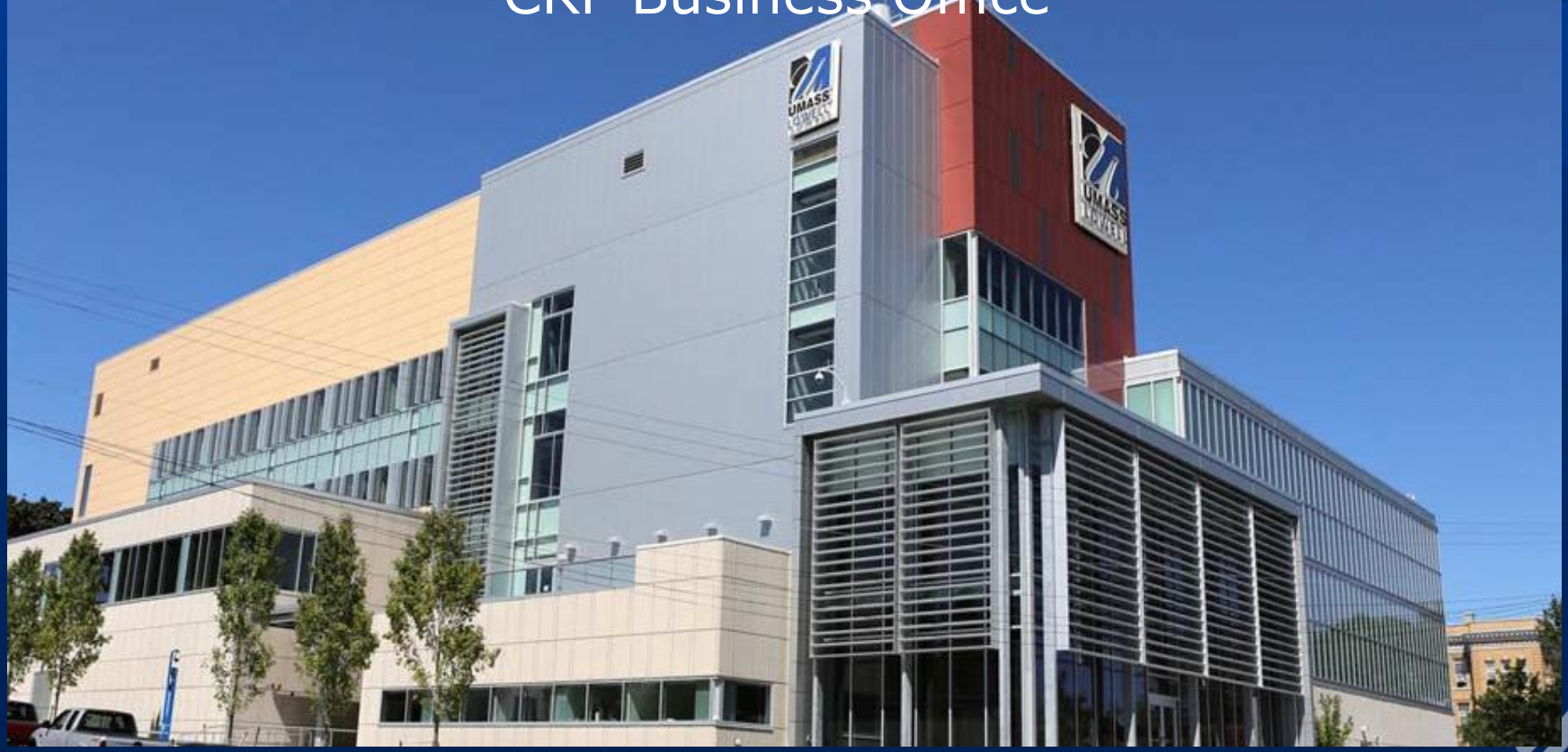
- Nanofabrication Laboratory, Lab Director, Thomas Ferraguto
  - 22 Instruments, Class 100, 1000, 10,000 Clean Room
  - Location: Saab ETIC
- Materials Characterization Lab, Lab Manager: Earl Ada
  - 29 Instruments
  - Locations: Olney Science Center and Saab ETIC
- NERVE Center, Lab Manager: Adam Norton

  (New England Robotic Validation and Experimentation)
  - 29 robotic test courses (NIST replicated)
  - Location: 1001 Pawtucket Avenue
- Thermal & Mechanical Properties
  - 4 Instruments with plans for expansion
  - Location: Saab ETIC

Saab Emerging Technologies & Innovation Center (ETIC)

84,000 square foot facility

Location of NFL,TMP, MCL Core Research Facility and CRF Business Office



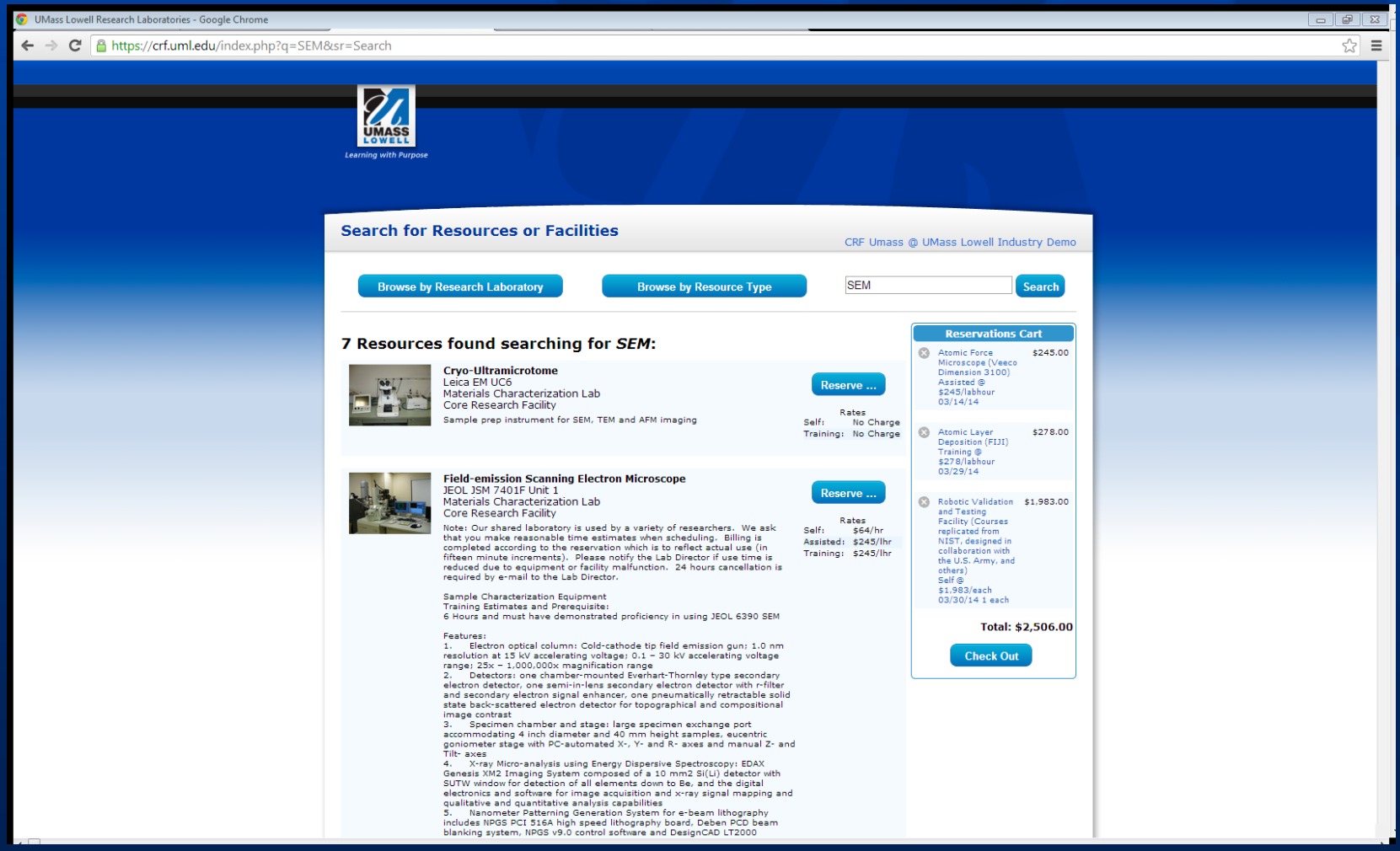
NanoFabrication Laboratory (NFL)

Class 100, 1000, 10,000

with Bio-Bay

CRISP ™ searchable database

http://www.uml.edu/Research/CRF



CRF FYI

See website for more details: http://www.uml.edu/Research/CRF/

- Of 138 accounts, 65 are industry
- Of 375 “users” , 110 external “users”
- More that 75 instruments available within CRF program.
- More than 450 resources available through research services
- Additional CRF’s to be added in the near future
- Call for a tour-978.934.6421