



INFORMATION TECHNOLOGY SERVICES



Scientific Equipment Portal

Asset Management and Web Portal

Problem with legacy system

- **Controller's OMNI system has >4000 items**
- **Cost range \$50k to \$12 M totaling \$135 M**
- **Data emphasis on equipment inventory**
- **Not from a scientific/usage perspective**
- **Department-wide description variable**



What was needed

- **A gateway to all FSU Scientific Facilities and its Resources**
 - Both human and instrument
- **Data emphasis from user perspective**
- **Multiple ways to arrive at same information**
- **Unified university-wide single top level web site**



Why we needed it?

- **More efficient use of existing scientific equipment**
- **Avoid unnecessary duplication – Allow purchase of additional equipment**
- **Identify manufacturers in order to consolidate service agreements**
- **Maintain periodic and routine maintenance schedule**
- **Keep use and maintenance on-line**
- **Make available user comments and maintenance history**
- **Increased access to existing Scientific Facilities**



Two Sides of the Solution

- **Admin – AiM Database**

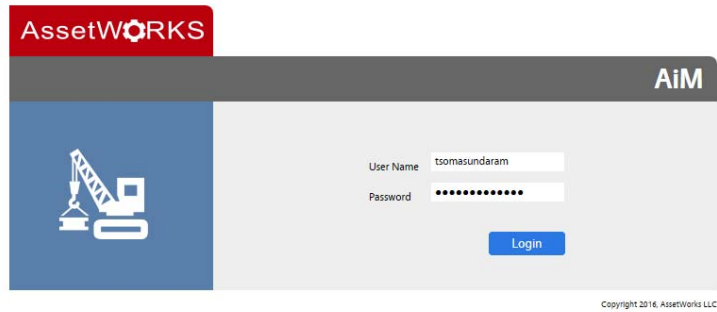
- **Source for information being displayed on web site**
- **Manage research equipment**
 - **Enter new equipment**
 - **Update information**
- **Internal only**
 - **Login required using FSUID**
- **Detailed reporting**

- **Public – Web Site**

- **HTML Responsive design**
 - **Viewable on computer, phone, tablet**
- **Publicly available internally and externally**
- **Easy to navigate search**
 - **Share search results with one click**
- **View only**
 - **Recommend updates/edits to asset owner easily**



Leveraged FSU's AiM Database



Master Asset Profile | T.SOMASUNDARAM | About | Logout

00000008780 | Last Edited by CARLOS MURPHY ON 07/15/2016 08:38 AM

FLOOR CENTRIFUGE

Region	TALL	PM Route	
Facility	TALLAHASSEE	Route Sequence	
Property	MAIN CAMPUS	Lockout/Tagout	No
Location	MAIN CAMPUS	Manufacturer	BECKMAN-COULTER
Warehouse	RESEARCH/NGONCLASS	Model	J-20 XPI
Bin		Serial Number	J0100M04
		Part	

Status: [IN-SERVICE](#)

Asset Type: [SCI/RESEARCH](#)

Asset Group: [CENTRIFUGE](#)

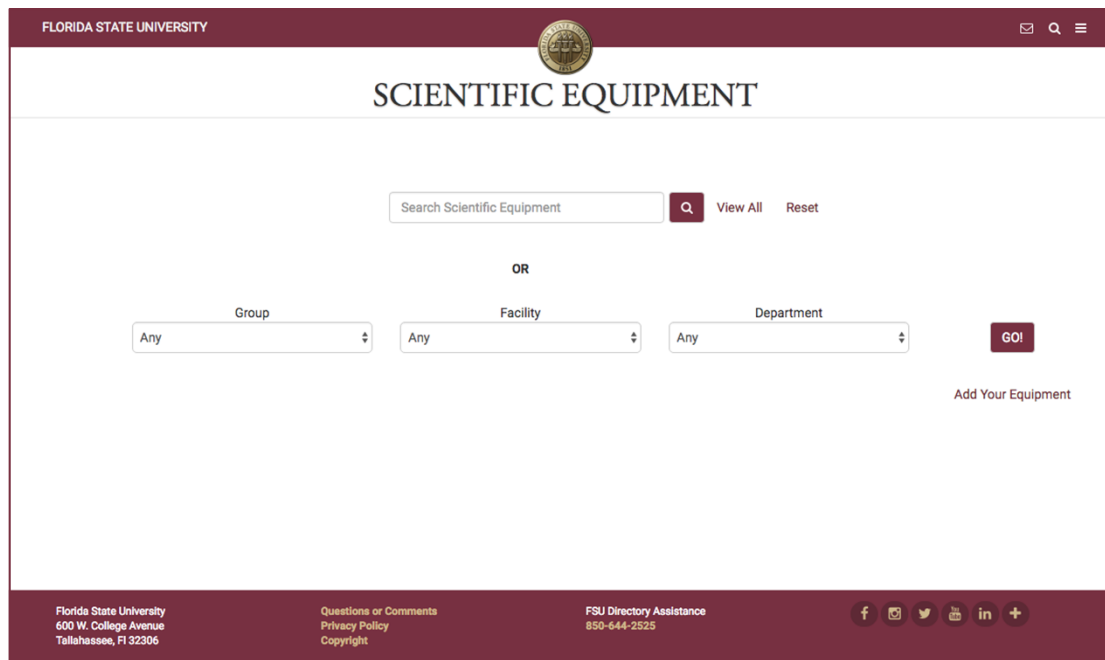
Replacement Tag: #92000370810

Sequence	Asset	Description	Asset Type	Asset Group	Replacement Tag	Status
Component Asset						

Record 20 of 43 | Go | First | Previous | Next | Last



Developed a new Web Interface



Features added using user input

FLORIDA STATE UNIVERSITY

SCIENTIFIC EQUIPMENT

1 results found for search criteria: detector
Filters: ACTIVE ✕ AGILENT ✕

Back to Search
Share Results

- ▶ Group (10)
- ▶ Manufacturer (13)
- ▶ Department (6)
- ▶ Facility (4)
- ▶ Building (6)
- ▶ Location (6)
- ▶ Contact Name (4)
- ▼ Conditions (3)
 - ACTIVE
 - INACTIVE
 - MAINTENANCE
- ▶ Hours (3)

Title: EVAPORATIVE LIGHT SCATTERING DETECTOR Available ✓

Group: HPLC DETECTOR **Location:** CHEMICAL SCIENCE LABORATORIES 0116
Manufacturer: AGILENT **Hours:** SCHEDULED
Department: Chemistry & Biochemistry **Contact Name:** UMESH GOLI
Facility: MASS SPEC LAB

Description: DETECTOR EVAPORTIVE LIGHT A380 More

Dynamically update results



Features: Asset Details

Title: DIODE ARRAY ✓ Available

Group: HPLC DETECTOR
Department: Med Facilities & Oper Archive
Description: DETECTOR DIODE ARRAY 1260 VL
Location: COM -RESEARCH BLDG 1331
Facility Name: TRANSLATIONAL SCIENCE LAB
Contact: ROGER MERCER
850-645-9598
ROGER.MERCER@MED.FSU.EDU

Manufacturer: INFINITY
Model #: 1260
Usage Hours: RESTRICTED
Restrictions: RESTRICTED
Cost: N/A
Notes:
Documents:
No documents on file for this asset.
Photos:

[Suggest an Edit](#) [Share Asset](#) [Previous](#) [Next](#)

Facility: ANALYTICAL LAB

Callouts:
- View a map of the location (points to Location)
- Call or email the contact (points to Contact)
- View images (points to Photos)
- Make a suggestion (points to Suggest an Edit)



DEMO

INFORMATION TECHNOLOGY SERVICES



Next Steps: Integration with FSU-Wide Business Processes

Future Enhancements

- Consolidate service contracts
 - Inside of AiM
- Rent/cost recovery from external use from external users

Expanding into other areas

- Personal Property Registration (FSUPD)
 - Match lost or stolen items
- University Assets (DRP)
- Fac/Staff Directory



University Strategic Goals

- **Goal 1 - Deepening our Distinctive Commitment to Continuous Innovation**
- **Goal 2 - Amplifying Excellence Across our Academic and Research Programs**
- **Goal 6 - Investing Strategically in Our Institution and Reputation**

