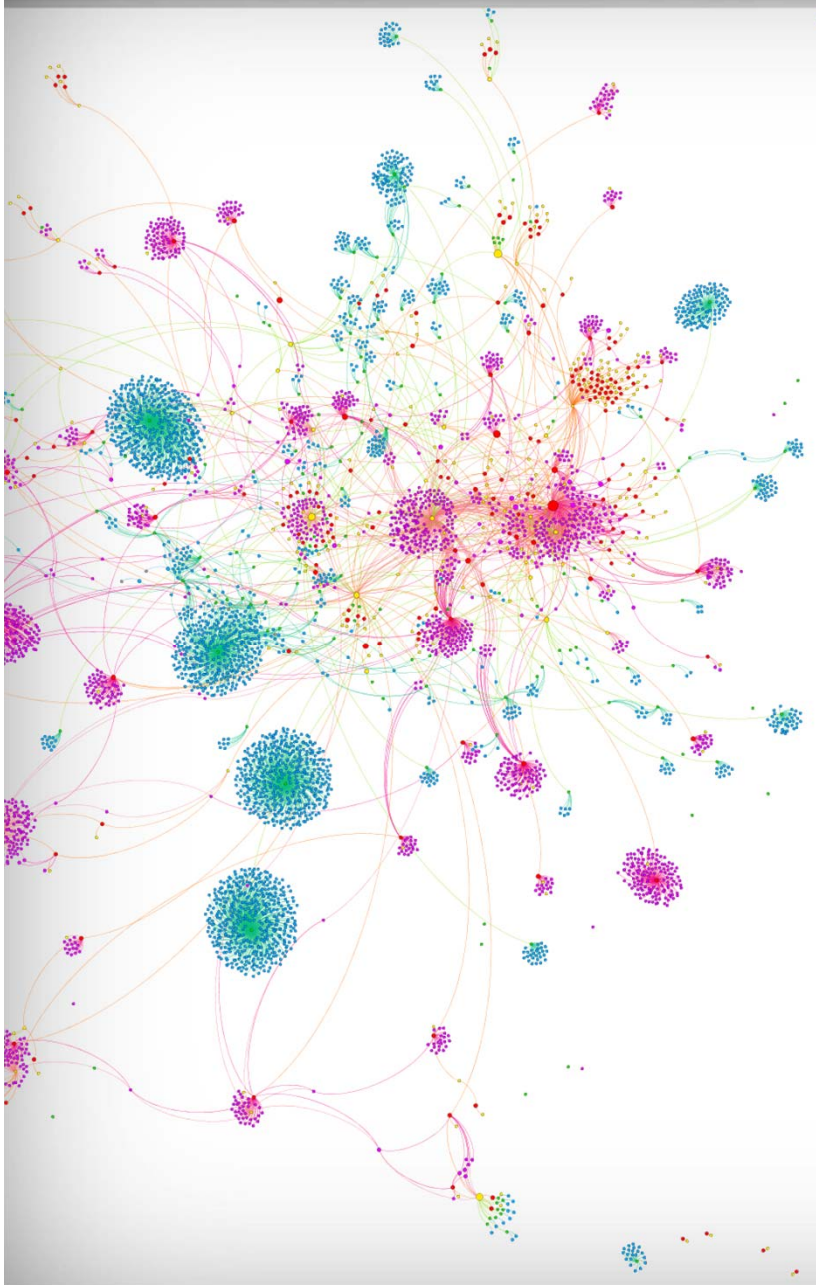
VANDERBILT UNIVERSITY
MEDICAL CENTER



labnodes
organize your lab | share your data

Solutions for Core Facilities

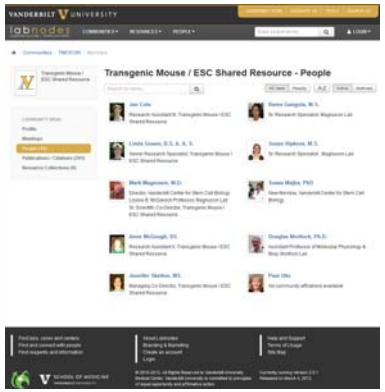
Jean-Philippe Cartailler

March 26, 2013

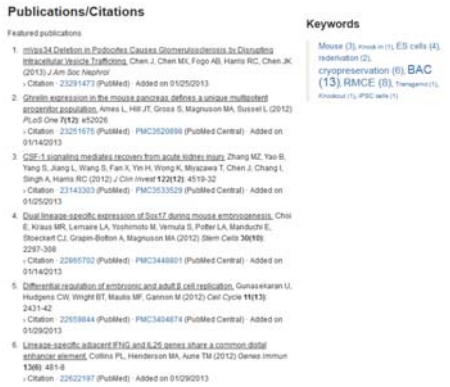
Labnodes – What is it?

- It is a web-based information management system designed to support laboratories, cores, centers and departments.
- It is also a work in progress that, in time, will transform how laboratories are managed and information is shared at Vanderbilt.

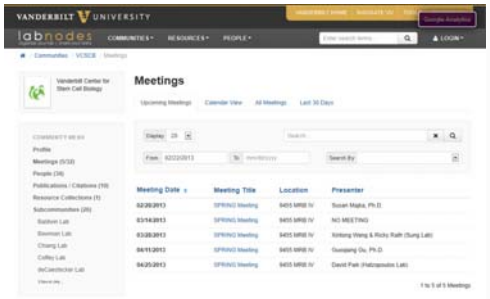
Labnodes can do many useful things



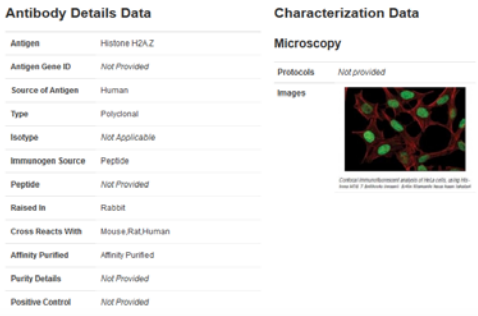
Individual staff profiles



Citations



Meetings



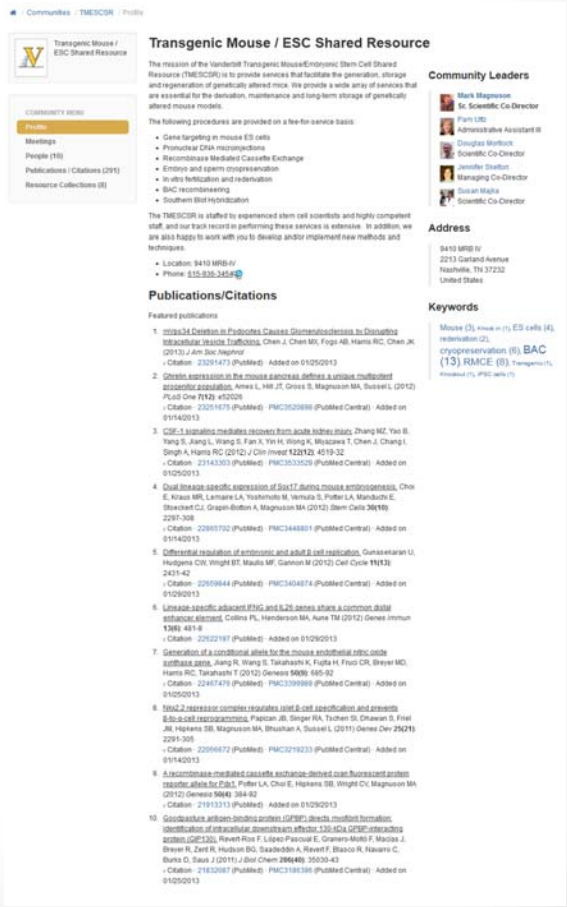
Resource catalogs

And best of all, its FREE!

How is the TMESCSR using it?

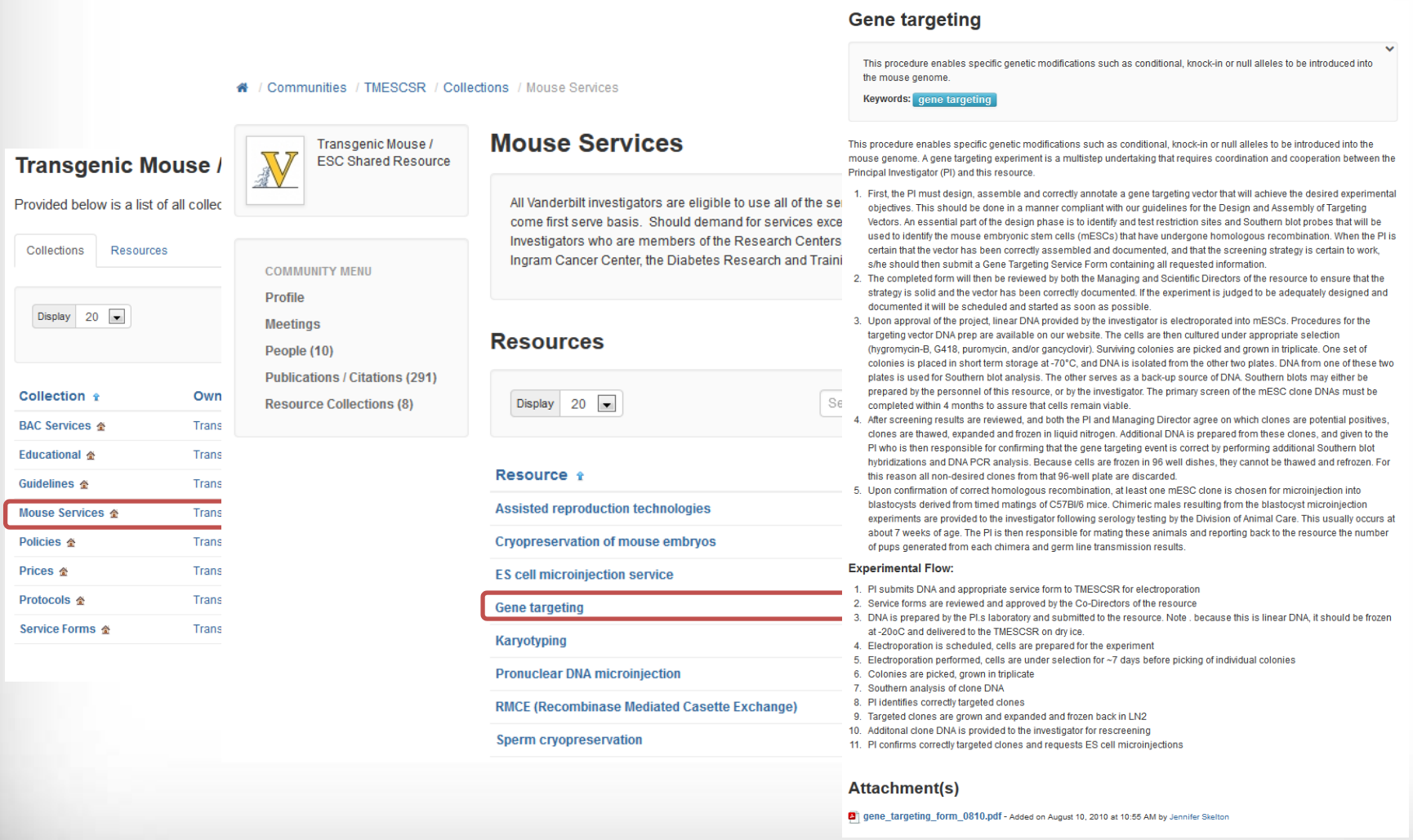
The “transgenic core” has been using it for 3 years.

- Service forms & descriptions
- User education
- User guidelines
- Policies
- Prices
- Protocols
- Monthly meeting archive

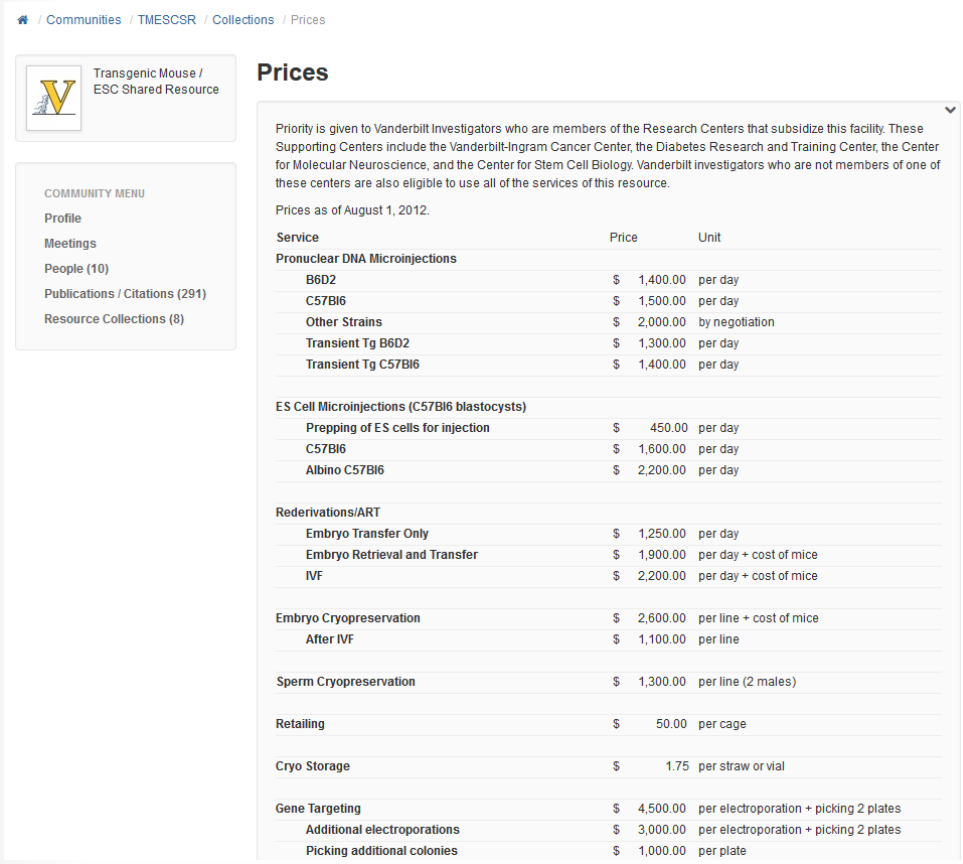


http://labnodes.vanderbilt.edu/tmescsr

Service Descriptions



Prices



/ Communities / TMESCSR / Collections / Prices

Transgenic Mouse / ESC Shared Resource

COMMUNITY MENU

Profile
Meetings
People (10)
Publications / Citations (291)
Resource Collections (8)

Prices

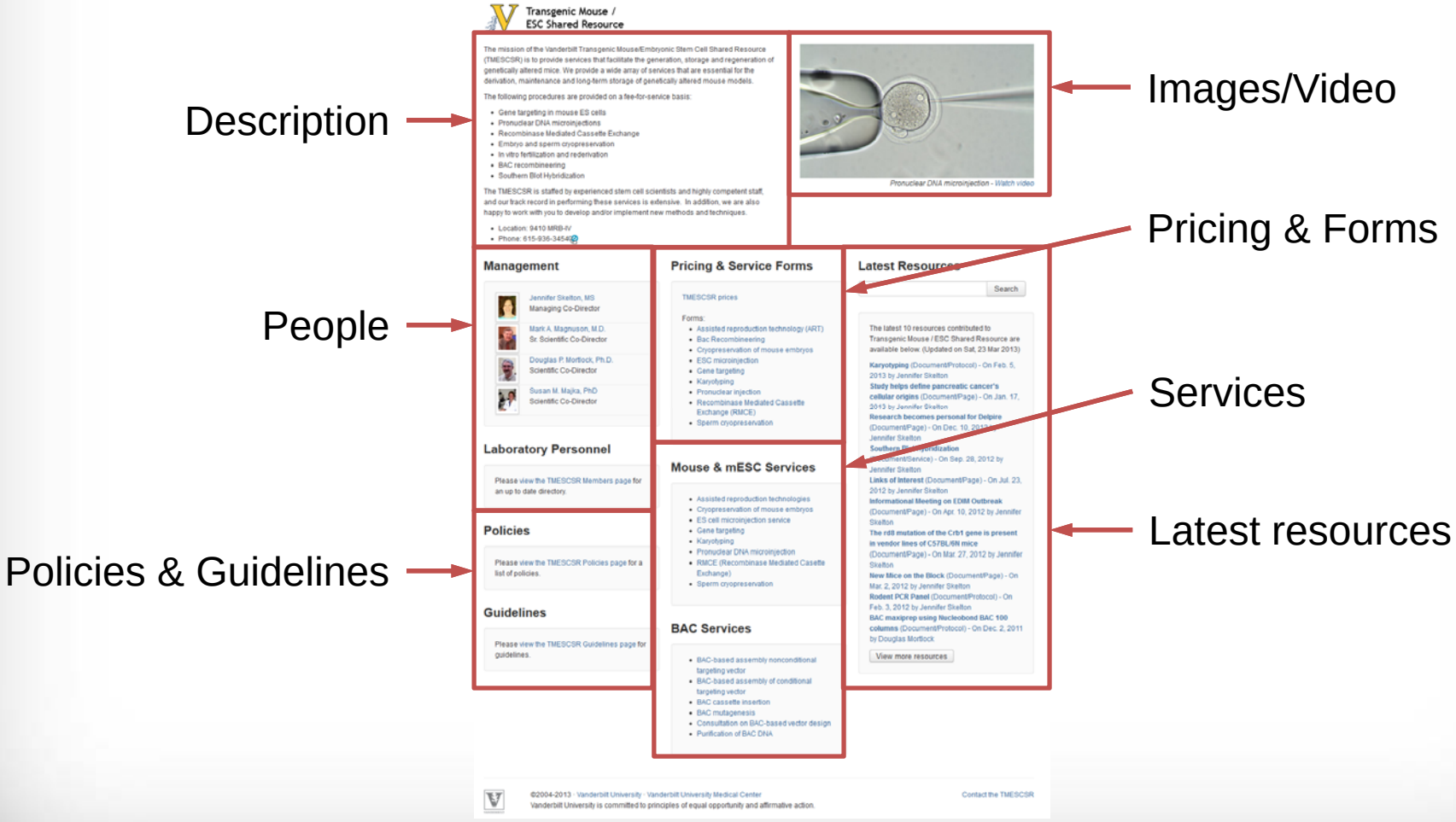
Priority is given to Vanderbilt Investigators who are members of the Research Centers that subsidize this facility. These Supporting Centers include the Vanderbilt-Ingram Cancer Center, the Diabetes Research and Training Center, the Center for Molecular Neuroscience, and the Center for Stem Cell Biology. Vanderbilt investigators who are not members of one of these centers are also eligible to use all of the services of this resource.

Prices as of August 1, 2012.

Service	Price	Unit
Pronuclear DNA Microinjections		
B6D2	$ 1,400.00	per day
C57Bl6	$ 1,500.00	per day
Other Strains	$ 2,000.00	by negotiation
Transient Tg B6D2	$ 1,300.00	per day
Transient Tg C57Bl6	$ 1,400.00	per day
ES Cell Microinjections (C57Bl6 blastocysts)		
Prepping of ES cells for injection	$ 450.00	per day
C57Bl6	$ 1,600.00	per day
Albino C57Bl6	$ 2,200.00	per day
Rederivations/ART		
Embryo Transfer Only	$ 1,250.00	per day
Embryo Retrieval and Transfer	$ 1,900.00	per day + cost of mice
IVF	$ 2,200.00	per day + cost of mice
Embryo Cryopreservation	$ 2,600.00	per line + cost of mice
After IVF	$ 1,100.00	per line
Sperm Cryopreservation	$ 1,300.00	per line (2 males)
Retailing	$ 50.00	per cage
Cryo Storage	$ 1.75	per straw or vial
Gene Targeting	$ 4,500.00	per electroporation + picking 2 plates
Additional electroporations	$ 3,000.00	per electroporation + picking 2 plates
Picking additional colonies	$ 1,000.00	per plate

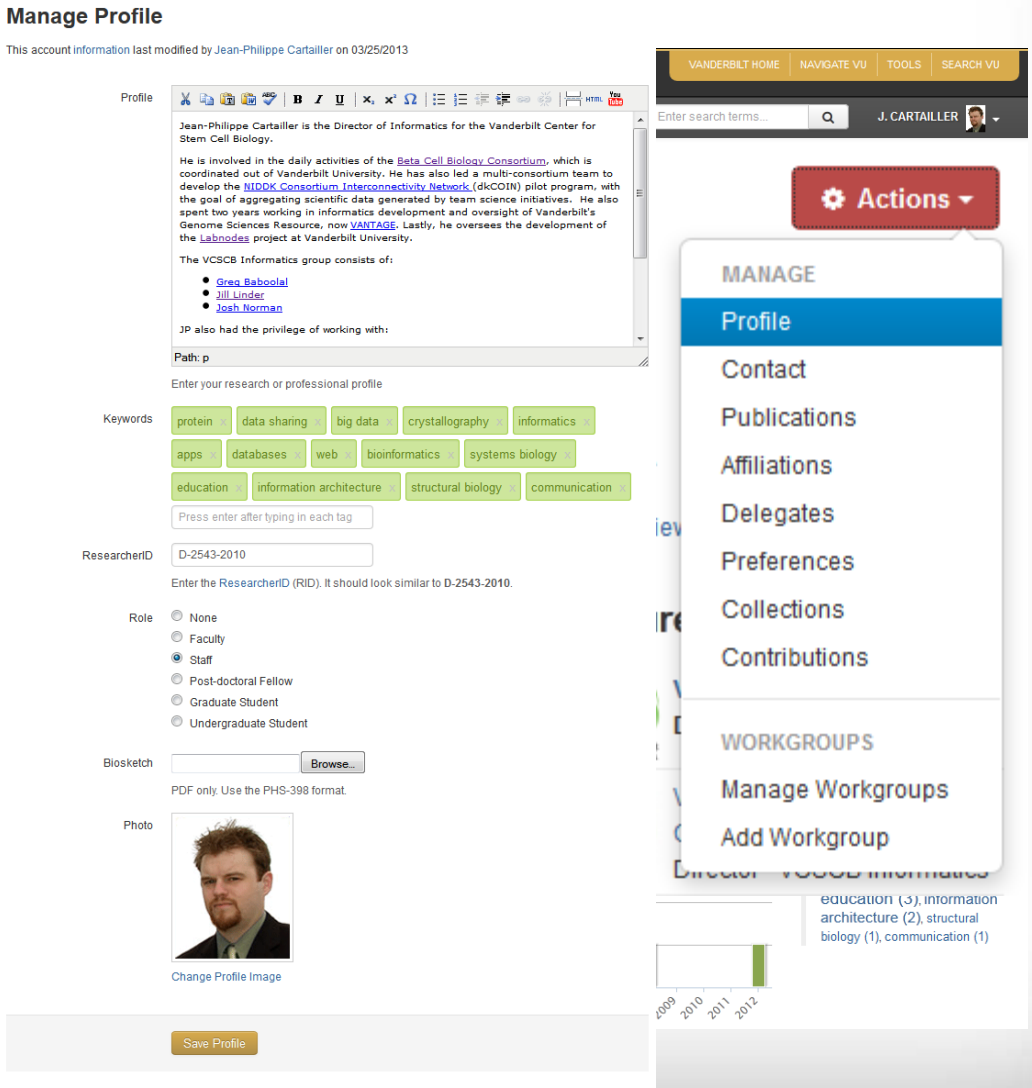
- Prices can be updated at any time by core staff
- Set up multiple pricing lists, by service or by internal vs. external pricing

The TMESCSR website draws content directly from Labnodes



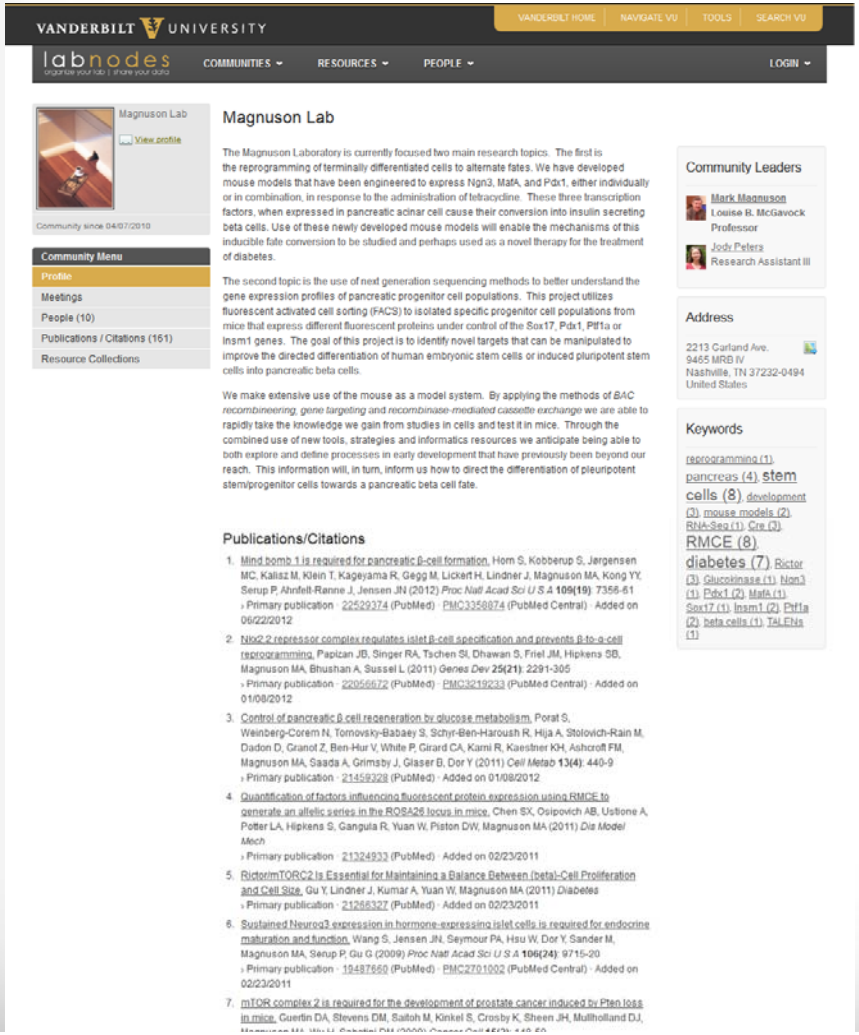
All content is user-managed

- Managed via a web browser
- All edits are done through an Actions button:

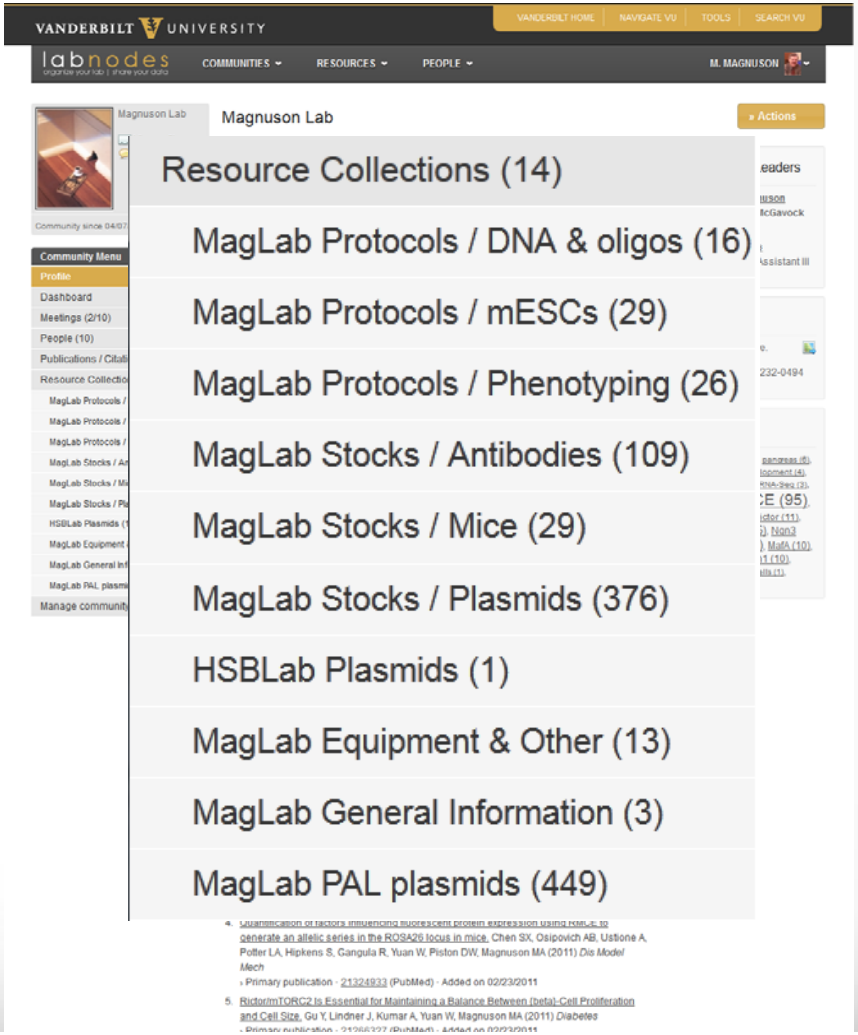


Public versus Private views

Public



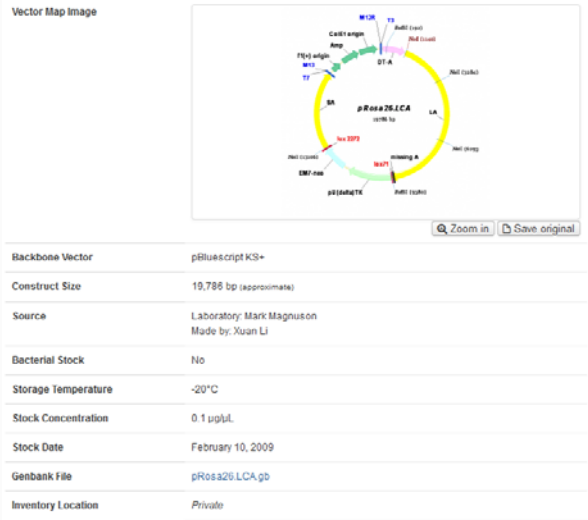
Private (lab members only)



Staff Management

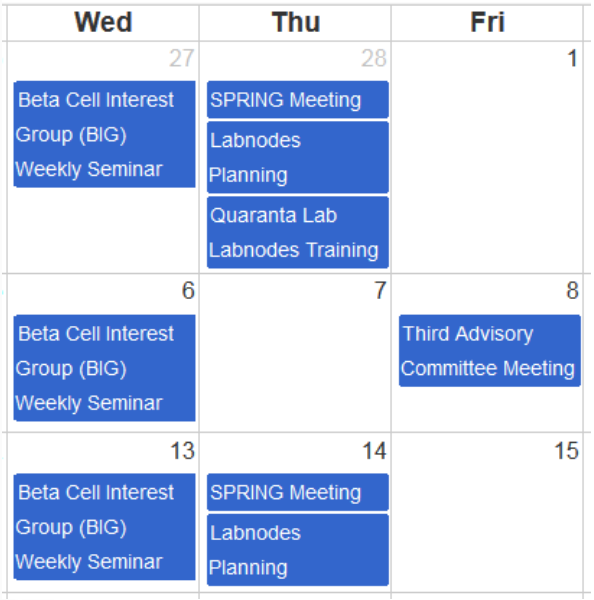
- Maintain profiles of lab members including contact information, bibliographies and research interests.
- Each person can manage their own profile - or delegate the task to an administrator.
- Add and remove lab members at any time.

Service & Resource Inventories



- Catalog your services and pricing.
- Catalog your antibodies, plasmids, BACs, mouse strains, and protocols.
- Organize information and associated documents.
- Connect and share with collaborators, students and staff.

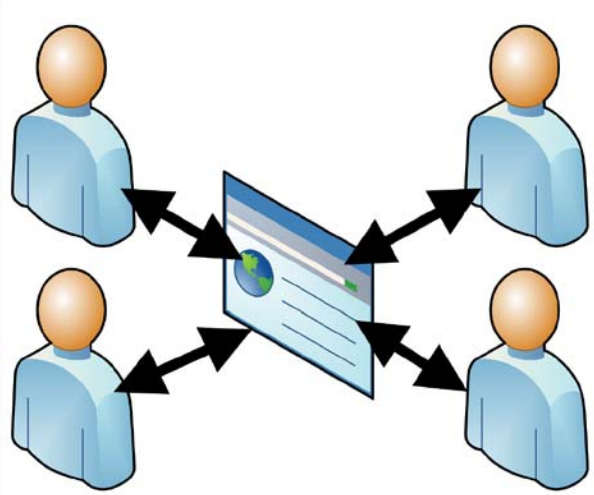
Schedule and Organize Meetings



Wed	Thu	Fri
27 Beta Cell Interest Group (BIG) Weekly Seminar	28 SPRING Meeting Labnodes Planning Quaranta Lab Labnodes Training	1
6 Beta Cell Interest Group (BIG) Weekly Seminar	7	8 Third Advisory Committee Meeting
13 Beta Cell Interest Group (BIG) Weekly Seminar	14 SPRING Meeting Labnodes Planning	15

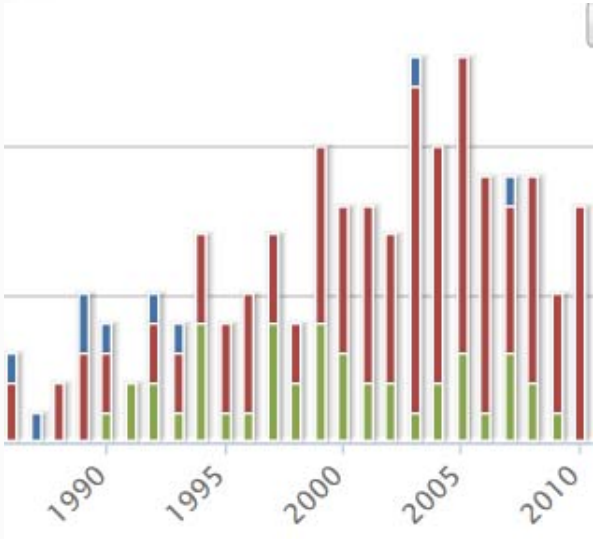
- Maintain a master calendar for laboratory or other meetings.
- Upload and share your lab presentations, agendas, documents and more.
- Archive previous meetings and track progress.

Share and Secure Documents



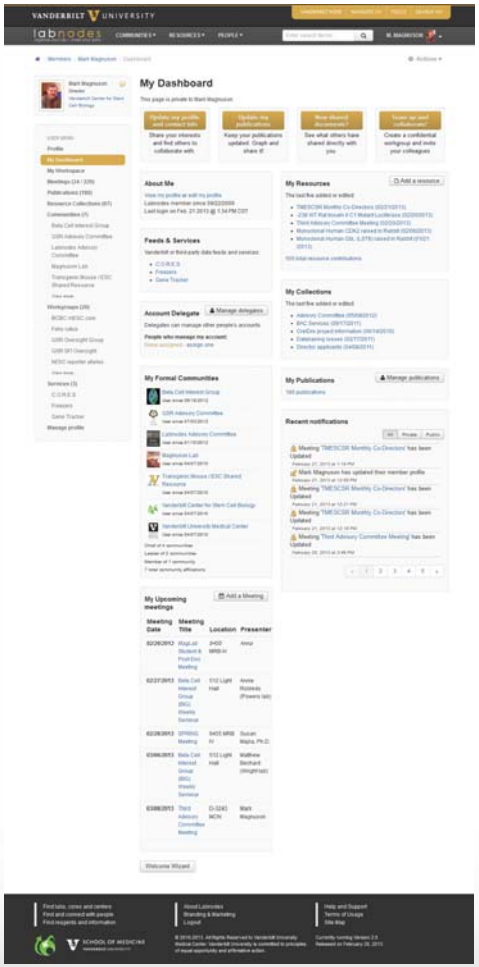
- Maintain a consistent set of documents under controlled access.
- Collaborate on projects, both at Vanderbilt and beyond.

Citation Lists and Impact



- Feature your citations for the world to see.
- PubMed and PubMed Central.

A customizable user dashboard is under development



- Your meetings
- Your resources
- Your communities
- Your publications
- Your CORES expenditures
- Your grant information
- Your space and equipment
- Your financial balances
- Your IACUC protocol status

Summary

- Website application/database – choose what is private, public or shared to specific groups or individuals.
- You have direct control of the content.
- No web developer necessary
- Training is available.
- Data migration assistance available.
- Can support custom URLs.
- Can retrieve data from external databases/APIs.

Upcoming features

- New resource types
- Electronic Lab Notebook
- Custom forms for service/order submissions (for TMESCSR)
- Increased integration with C.O.R.E.S., Coeus, LabAlert and others

Thank you for your time!

labnodes@vanderbilt.edu
http://labnodes.vanderbilt.edu/help

Acknowledgements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