

SERI Morphology Core PCMS Service Requests

- SERI Morphology Core has integrated the Histology, TEM, Microscopy/Confocal & Poster Printing Services
- SEM Imaging services no longer provided
- All SERI Morphology Core Services require electronic 'Service Request' made through PCMS (*Effective 1-2-20*)
- Calendar Scheduling/Billing for Microscope Training and Use through PCMS (*Effective 1-2-20*)
- Print out all Histology and TEM sample Service Requests and submit along with samples to room 139 Core Lab.
- Client Computer is available in Room 139 Lab for accessing and printing Service Requests, if needed

SERI Morphology Core PCMS

Website <https://researchcores.partners.org/mmorph/about>

<https://researchcores.partners.org/> → [Cores Services](#)

The screenshot shows the Partners Research Cores website interface. The top navigation bar includes 'Home', 'Cores Services', 'External Services', 'Explore', 'About Us', and 'Resources'. The 'Cores Services' menu is highlighted with a red circle. Below the navigation bar, there is a search bar and a list of core categories. The 'Miscellaneous' category is highlighted with a red circle. A red arrow points from the 'Miscellaneous' category to the 'SERI Morphology Core' link in the list of cores. The 'SERI Morphology Core' link is also highlighted with a red circle. Other cores listed include 'Advanced Tissue Resource Core', 'BioMEMS Core (BMC)', 'MEE Vector Core', 'MGH Biomedical engineering shop', 'Phenogenetic Core', 'Radiation Safety Core', 'Biosafety BSL-3', 'RSM Glass Washing and Autoclaving Core', and 'Translational Research Laboratory'. The URL in the browser address bar is https://researchcores.partners.org/cores?core_category_id=31&external=0.

SERI Morphology Core PCMS

Service Requests

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Order Services

Morphology

Name, Description	Order Service	Units	PHS Fee
Paraffin (full service) <small>Please limit sample identification to 6 or less digits/letters with Request</small>	<input checked="" type="checkbox"/>	Sample	\$50.00
Paraffin Processing	<input type="checkbox"/>	Sample	\$20.00
H&E Slide Staining	<input type="checkbox"/>	Sample	\$25.00
Methacrylate <small>(i.e. GMA resin)_Please limit sample identification to 6 or less digits/letters with Request</small>	<input type="checkbox"/>	Sample	\$50.00
Frozen Sectioning	<input type="checkbox"/>	Sample	\$45.00
Semi-Thin (1-micron) Epoxy <small>Please limit sample identification to 6 or less digits/letters with Request</small>	<input type="checkbox"/>	Sample	\$50.00
TEM Full Service <small>Contact SERI Morphology to receive instructions for sample fixation and preparation. Please limit sample identification to 6 or less digits/letters with Request</small>	<input type="checkbox"/>		\$225.00
TEM (Negative staining service)	<input type="checkbox"/>		\$110.00

Custom Services

Name, Description	Order Service	Units	PHS Fee
Custom Service <small>Cost Determined as needed</small>	<input type="checkbox"/>		\$1.00

**Units = Sample
SERI & MEE = PHS**

SERI Morphology Core PCMS Service Requests

Miscellaneous

Name, Description	Order Service	Units	PHS Fee
Poster Printing	<input type="checkbox"/>		\$75.00
Poster Tube	<input type="checkbox"/>		\$4.00
Non-Core Microscope Setup	<input type="checkbox"/>		\$50.00

Confocal

Name, Description	Order Service	Units	PHS Fee
Training - SP5		Hourly	\$200.00
Training - LCM		Hourly	\$100.00
Training - SP8		Hourly	\$200.00
Training - Nikon E800		Hourly	\$50.00
Training - Nikon Inverted		Hourly	\$50.00

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SERI Morphology Core PCMS

Service Requests

Active Search

[Reset](#) | [New Equipment](#) | [List view](#)

Planned Installed Running Down

Confocal

	Name, Description	Pre-Requisites	Service Name	Units	PHS Fee	
⊕	Leica TCS SP8 Confocal Microscope	Training Required	User Fee - SP8	Hourly	\$18.00	Schedule
			Training - SP8	Hourly	\$200.00	
⊕	Leica TCS SP5 Confocal Microscope	Training Required	User Fee - SP5	Hourly	\$12.50	Schedule
			Training - SP5	Hourly	\$200.00	

Cryostat

	Name, Description	Pre-Requisites	Service Name	Units	PHS Fee	
⊕	Leica CM1850 Cryostat (Room139) All Leica CM1850 Cryostat (Room139), users must be trained in operation and safety by experienced Cryostat users from labs or SERI Morphology Core personnel	Training Required	Leica CM1850	Hourly	\$0.00	Schedule

Microscope

	Name, Description	Pre-Requisites	Service Name	Units	PHS Fee	
⊕	Nikon Eclipse E800 (169)	Training Required	User Fee - Nikon	Hourly	\$10.00	Schedule
			Training - Nikon	Hourly	\$50.00	
⊕	Nikon E800 (186) Nikon E800 (186) Eclipse Microscope with 12MP Olympus DP70 Camera and Olympus MicroSuite Software	Training Required	Nikon E800 (186)	Hourly	\$10.00	Schedule
⊕	Nikon Eclipse Inverted	Training Required	User Fee - Nikon	Hourly	\$10.00	Schedule
			Training - Nikon	Hourly	\$50.00	
			Nikon Inverted		\$0.00	
⊕	Leica LMD 7000 Laser Capture Microscope	Training Required	User Fee - LCM	Hourly	\$10.00	Request Training
			Training - LCM	Hourly	\$100.00	

22 new notifications (Focus assist)

SERI Morphology Core PCMS Service Requests (*in progress*)

- **Sample Identification,**
Please identify each sample (i.e. Units) below and limit sample identification to 6 or less digits/letters in length (e.g. 302OD, 302OS):
text box for customer to fill out sample identification. Hopefully a general text box that can accept a field of text/ numbers copied and pasted from spreadsheet or table.
- **Species:** (*drop down menu list*)
 - Mouse
 - Rat
 - Rabbit
 - NHP
 - Human
 - Zebrafish

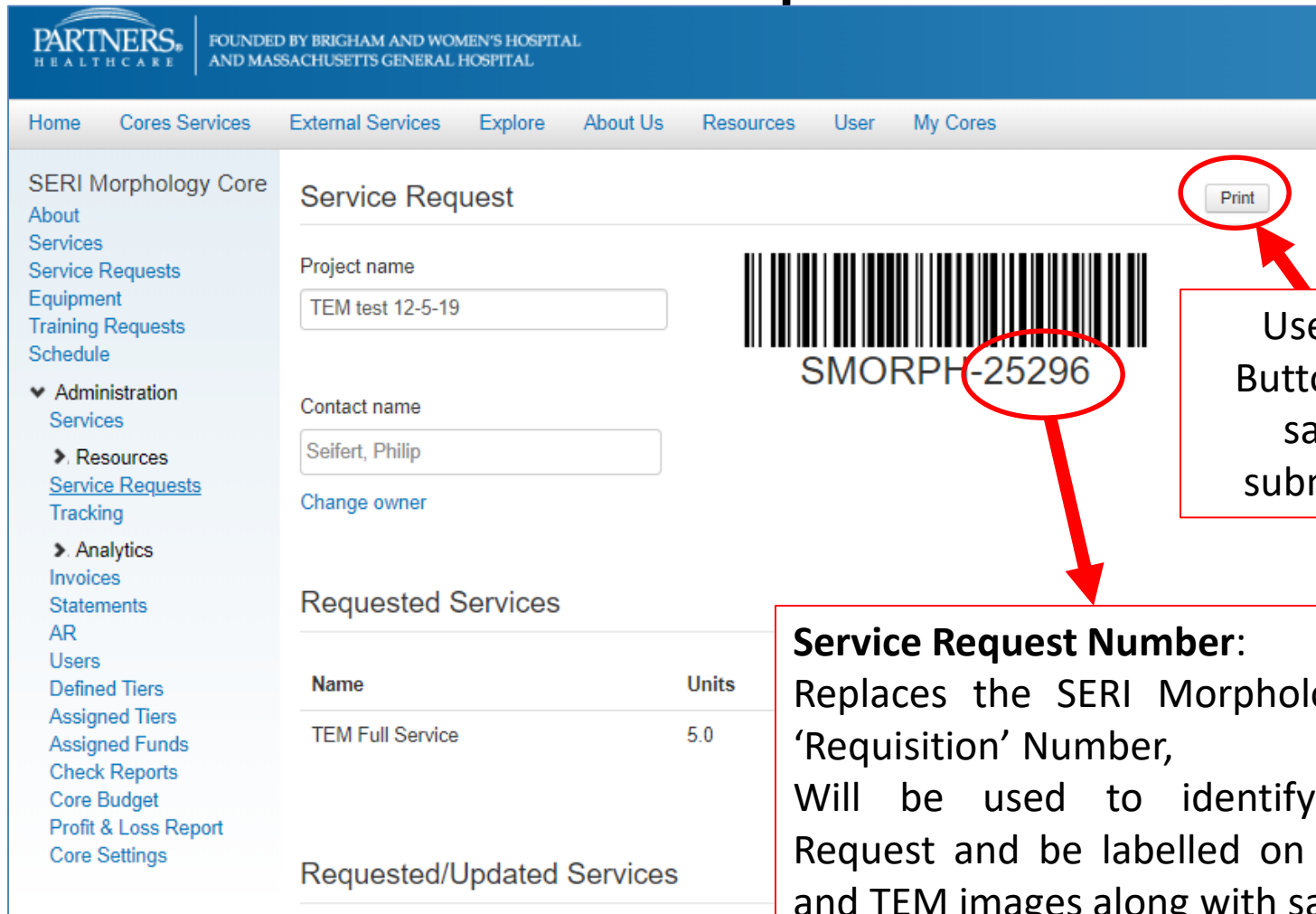
Or Other: *text box for customer to fill out other species.*
- **Fixative:** (*drop down menu list*)
 - 4% PFA
 - 10% Neutral Buffered Formalin
 - ½ Karnovsky's

Or Other: *text box for customer to fill out other fixative.*

Special Instructions (Orientation, sectioning requests, section thickness): *text box for customer to fill out*
- **Stain:** (*drop down menu list*)
 - H&E
 - PAS
 - Toluidine Blue (semi-thin)
 - PPD (semi-thin)

Or Unstained slides (#): *text box for customer to fill out number of unstained slides*

SERI Morphology Core PCMS Service Requests



Service Request

Project name
TEM test 12-5-19

Contact name
Seifert, Philip

Change owner

Requested Services

Name	Units
TEM Full Service	5.0

Requested/Updated Services

Print

Use Print Button after save & submission

Service Request Number:
Replaces the SERI Morphology Core 'Requisition' Number,
Will be used to identify Service Request and be labelled on all slides and TEM images along with sample ID.

SERI Morphology Core Microscope Policies

- All new users must receive training by the SERI Morphology Core prior to using any Core Microscopes through PCMS 'Training Request'.

Microscope Scheduling Rules;

- Schedule no more than 4 hours per day to use the SP8 and SP5 Confocal microscopes as an 'Event' through PCMS. Any additional time/day needs to be requested by Xinyao Hu through PCMS.
 - To resolve scheduling 'Event' conflicts, please contact Xinyao Hu(email : Xinyao_hu@meei.harvard.edu) or Philip Seifert (Email: Philip_Seifert@meei.harvard.edu)
 - You can modify and change scheduled microscope session 'Events' on PCMS up to 12 hours after your scheduled work 'Events' has ended. Contact Xinyao Hu to make any changes or edits.
- Passwords are required to access the microscopes. Please do **NOT** share the passwords with other users.
 - Fill out all requested information with **PHS Project Number on** the printed user log next to each microscope.
 - Keep the Microscope workstation **clean**. Do not use Immersion oil on the dry objective lenses and clean up any immersion oil spills from the stage using alcohol wipes and cleaning solution. Clean the oil from the oil immersion lenses with lens paper and cleaning solution or alcohol wipes. Do not use Kimwipes on the lenses.
 - Transfer all image files to your storage drives (encrypted and/or registered by Partners-MEE IS computer service personnel) after your microscope session 'Event'.