July | September

	ROPOSAL	LASER 2025	Q3 August			34.	y September
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 31					1	2	3
	4	5	6	7	8	9	10
Week 32							
	11	12	13	14	15	16	17
Week 33							
	18	19	20	21	22	23	24
Week 34							
	25	26	27	28	29	30	31
Week 35						Achieve 30 in fiber core configura	ed laser mW output (pre-pump ation) for operation.

• P	ROPOSAL •	ADMIN • L	ASER 2025 (Q3 September		Aı	ugust October
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	1	2	3	4	5	6	7
Week 36			Define propos mmittee member oral exam date.	Resto	Align are amplified out bus benchmark p	MILESTO exam date Must send	exam date NE: Oral scheduled. final pro- mmittee 2
				Annual			r to exam.
	8	9	10	11	12	13	14
Week 37		Complete an		committee for uired committee	ms forms for propo	osal defense.	Prepare Program of Work
We							Develop detailed Program
	15	16	17	18	19	20	21 of Work
Week 38							Reserve exam room Book and confirm exam
	22	23	24	25	26	27	28 room
6					Sub	mit final paperv	vork
Week 39						ompleted paperv nd confirm exan	
	00	00					
Week 40	29	30					

• P	ROPOSAL •	ADMIN • IN	MAGING • LA	ASER 2025 G	Q4 October	Septem	ber November
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
			1	2	3	4	5
Week 40			Verify 2	k pulse compre 00 fs pulse dura ifications in equ	tion and	Align imag using USA optimal reso	microscope ling system F target for lution before periments.
	6	7	8	9	10	11	12
Week 41		MILEST imaging	aser system rear ONE: Laser out optics meet all for live animal in	put and require-	Plan ~3 IACU	an imaging coh 3 pilot mice coh C protocol conf d surgery slot b	ort with rma-
	13	14	15	16	17	18	19
Week 42				order AAV-mSo		ors and jRGECO1b uction orders to	
		21	22	22	24	25	26
ek 43	20 Write full pro	oposal documen		plete proposal of cluding all aims		rategy for comm	ittee review.
Week							
Week 44	27	28	29	30	31		

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 49	1	2	3	4	5	6	7
00	8	9	10	11	12	13	14
Week 50							
	15	16	17	18	19	20	21
Week 51		MILES committe	d proposal to con TONE: Email pro- ce 2 weeks before es pre-exam requ	posal to exam date		MILESTO vectors re core facility. vivo animal	ons ready ONE: AAV ceived from Ready for in injections to ssion studies.
	22	23	24	25	26	27	28
Week 52							
	29	30	31				
Week 1							

•	KOFOSAL •	IMAGING 20	120 QI January	,			rebruary
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 1				1	2	3	4
	5	6	7	8	9	10	11
Week 2							
	12	13	14	15	16	17	18
Week 3							
	19	20	21	22	23	24	25
Week 4	Create slid	e deck and prac	Protice oral exam p	pare presentati resentation. Air	on n for two praction	ce runs with lab	members.
	26	27	28	29	30	31	
Week 5							

			Thursday	Friday	Saturday	Sunday
						Cranial window surgery #1 Install cranial window
2	Quali sertat	fy N		i Incorpo r into pro	rate committee posal and submi	edback evisions t signed
9	10	11	12	13	14	timeline for Cranial window surgery #2 Install cranial
16	17	18	Monitor and m	edicate Mouse #	2 after surgery.	22 window
23	24	25	26	27	28	(staggered one week after #1).
	Insta ject <i>i</i>	I cranial window	and in- mouse	Monito #3 afte	r and medicate r surgery. Com	Mouse lete re-
	16	Quali sertati with with with with with with with wi	9 10 11 18 23 24 25 Cranial window surge Install cranial window ject AAV in third pilot	9 10 11 12 16 17 18 19 Po Monitor and med maging during Po Monitor and med maging during Po Monitor and med maging during Po Monitor and med maging during	Qualify sertation with Monitor and medimaging during response approval. 10 11 12 13 13 16 17 18 19 20 Post-op recovery: Monitor and medicate Mouse # Maintain analgesia schedule during response approval. 23 24 25 26 27 Cranial window surgery #3 Post-op recovery: Monitor and medicate Mouse # Maintain analgesia schedule during mouse Monitor mouse #3 after the province of the provi	Qualify sertatio with maging during recovery form for final and submate approval for final and submate approval for final approval f

• 11	MAGING 2026	Q1 March					February April
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 9							Pilot imaging session #1 Acquire in vivo
Week 10	2	3	Acqu Mouse	imaging session ire in vivo image #2 under dual- iditions for comp	s for abel vs	7	images for 8 Mouse #1 comparing AAV fluorescence vs traditional dye injection
Week 11	9	10	11	12	Acqu Mouse	imaging session ire in vivo image #3. Complete is set for Aim 1 va	s for inal pi-
	16	17	18	19	20	21	22
Week 12	Pilo MILESTON imaging o	t datasets completed the completed the completed the completed the completed the completed the complete the complete the completed the complete the	plete two-photon for Aim	Perform i	Process proces	pilot data n and SNR anal d refine imaging	ysis. Cal-
Week 13	23	24	25	26	27	28	29
Week 14	30	31					

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
		1	2	3	4	5
.				Draft		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
				Develop		
				Optimize		
6	7	8 +1 more	9	10	11	12
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i :						
13	14	15	16	17	18	19
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	01	22	02	24	05	26
20	21	22	23	24	25	26
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27	28	29	30			
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	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 18					1	ing m Systematic imaging c and cont different lab	ally compare lepth; SNR; rast across eling methods
	4	5	6	7	8	9 (AAV vs d	lye) in vivo.
Week 19							
	11	12	13	14	15	16	17
Week 20							
	18	19	20	21	22	23	24
Week 21							
	25	26	27	28	29	30	31
Week 22							

• 11	MAGING • PI	UBLICATION	2026 Q2 Jun	e			May July
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	1	2	3	4	5	6	7
23			Complete training	and IACUC app			
Week 23			(photothrombos	sis). Ensure all r	egulatory approv	als are in place.	
	8	9	10	11	12	13	14
74	Porf	form stroke in	Induce stroke	an experimental	nni		
Week 24			iate Aim 3 longitu				
Š							
	15	16	12	10	10	00	01
	15 Subarra	16	17	18	19	20	21 Refine
10	Subm	it methodolog	y paper	AC	ute-phase imag	Ing	i Ketine i
25		im 1 imaging	methodol-		ct two-photon -	LSCI	ML
/eek 25	ogy pape	er to journal f	methodol- or peer re-	imaging	ct two-photon - sessions in acu	LSCI te phase	ML pipeline
Week 25	ogy pape		methodol- or peer re-	imaging (0-1 we	ct two-photon -	LSCI te phase to cap-	ML pipeline Adapt and improve
Week 25	ogy pape view and	er to journal f publication co	methodol- or peer re- nsideration.	imaging (0-1 we ture imn	ct two-photon - ; sessions in acu ek post-stroke) nediate vascular	LSCI te phase to cap- changes.	ML pipeline Adapt and improve machine
Week	ogy pape	er to journal f	methodol- or peer re-	imaging (0-1 we	ct two-photon - sessions in acu ek post-stroke)	LSCI te phase to cap-	ML pipeline Adapt and improve machine
Week	ogy pape view and	er to journal f publication co	methodol- or peer re- nsideration.	imaging (0-1 we ture imn	ct two-photon - ; sessions in acu ek post-stroke) nediate vascular	LSCI te phase to cap- changes.	ML pipeline Adapt and improve machine 28 learning segmentation pipeline
Week	ogy pape view and	er to journal f publication co	methodol- or peer re- nsideration.	imaging (0-1 we ture imn	ct two-photon - ; sessions in acu ek post-stroke) nediate vascular	LSCI te phase to cap- changes.	ML pipeline Adapt and improve machine learning segmentation pipeline for stroke dataset
Week 26 Week 28	ogy pape view and	er to journal f publication co	methodol- or peer re- nsideration.	imaging (0-1 we ture imn	ct two-photon - ; sessions in acu ek post-stroke) nediate vascular	LSCI te phase to cap- changes.	ML pipeline Adapt and improve machine learning segmentation pipeline for stroke dataset analysis and
Week	ogy pape view and	er to journal f publication co	methodol- or peer re- nsideration.	imaging (0-1 we ture imn	ct two-photon - ; sessions in acu ek post-stroke) nediate vascular	LSCI te phase to cap- changes.	ML pipeline Adapt and improve machine learning segmentation pipeline for stroke dataset analysis
Week 26 Week	ogy papi view and	er to journal f publication co 23	methodol- or peer re- nsideration.	imaging (0-1 we ture imn	ct two-photon - ; sessions in acu ek post-stroke) nediate vascular	LSCI te phase to cap- changes.	ML pipeline Adapt and improve machine 28 learning segmentation pipeline for stroke dataset analysis and vascular
Week 26 Week	ogy papi view and	er to journal f publication co 23	methodol- or peer re- nsideration.	imaging (0-1 we ture imn	ct two-photon - ; sessions in acu ek post-stroke) nediate vascular	LSCI te phase to cap- changes.	ML pipeline Adapt and improve machine 28 learning segmentation pipeline for stroke dataset analysis and vascular feature
Week	ogy papi view and	er to journal f publication co 23	methodol- or peer re- nsideration.	imaging (0-1 we ture imn	ct two-photon - ; sessions in acu ek post-stroke) nediate vascular	LSCI te phase to cap- changes.	ML pipeline Adapt and improve machine 28 learning segmentation pipeline for stroke dataset analysis and vascular feature

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
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Week 29							
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Week 30							
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	27	28	29	30	31		
	<u> </u>	20	29				
31				Conduct	ization-phase in imaging session	s in early	
vveek 31				chronic phas	e (5-8 weeks po	st-stroke) to	
v e				observe vas	cular remodeling	processes.	
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• 11	IMAGING 2026 Q3 August July September									
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday			
Week 31	monacy	180000		Thaisaay	Times	1	2			
	3	4	5	6	7	8	9			
Week 32										
	10	11	12	13	14	15	16			
Week 33										
	17	18	19	20	21	22	23			
Week 34										
	24	25	26	27	28	29	30			
Week 35	_	Conduc post-st ture lor	ided chronic im t imaging at ~1: oke (if needed) g-term vascular and recovery pat	2 weeks to cap- remod-						
	31									
Week 36	MILEST planned	roke data comp ONE: Completi longitudinal ima r stroke study (on of all ging ses-							

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Wienady	1	2	3	4	5	6
Week 36			Complete y partment	Combine LS	Integrate I blood flow ments and data for com	flow data etrics with two-p	hoton struc-
	7	8	9	10	11	12	13
Week 37							
	14	15	16	17	18	19	20
Week 38							
	21	22	23	24	25	26	27
Week 39							
	28	29	30				
Week 40							

	INVAMING 2020 Q4 October November									
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday			
Week 40				Quantify m	Analyze neurovicrovascular netving dynamics from	work changes an	d neurovas-			
Week 41	5	6	7	8	9	10	11			
Week 42	12	13	14	15	16	17	18			
Week 43	19	20	21	22	23	24	25			
Week 44	26	27	28	29	30	31				

• 11	MAGING • P	UBLICATION	2026 Q4 Nov	ember		Octo	ber December
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 44							1
Week 45	2	3	4	5	6	7	8
Week 46	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
_:				Draft second			
Week 47				_			
We				Prepare			
	23	24	25	26	27	28	29
Week 48							
Week 49	30						

 DISSERTATION PUBLICATION 2026 Q4 December November

• D	DISSERTATION • PUBLICATION 2026 Q4 December November							
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
Week 49			Complete all grace	PhD Dissertated dissertation wrong wation requirem	on & Defense ite-up; final defe ents by Summer	5 ense; and 2027.	6	
	7	8	9	10	11	12	13	
Week 50	14	15	16	17	18	19	20	
				Draft Int				
Week 51				Submit :	second			
	21	22	23	24	25	26	27	
Week 52								
Week 53	28	29	30	31				

DISSERTATION 2021 Q1 Salidary								
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
Week 53					Write of (AAV in	aft Aim 1 chap hapter detailing aging) methods d results for dis	Aim 1 ; experi-	
	4	5	6	7	8	9	10	
Week 1								
	11	12	13	14	15	16	17	
Week 2					Write chap color ir	aft Aim 2 chap ter detailing Ai naging platform results for disse	m 2 (dual-) meth-	
	18	19	20	21	22	23	24	
Week 3								
	25	26	27	28	29	30	31	
Week 4								

January | March

•	DISSERTATION	2027	Q1	February	,

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday			
	1	2	3	4	5	6	7			
Week 5	Write chapte	r detailing Aim	Dra 3 (stroke model	aft Aim 3 chapt imaging study)	er methods; data;	and findings for	dissertation.			
×										
	8	9	10	11	12	13	14			
Week 6										
	15	16	17	18	19	20	21			
Week 7										
Week 8	22	23	24	25	26	27	28			

	DISSERTATION	2027	Ω1	March
_	DISSENTATION	2021	$\omega_{\rm T}$	iviaicii

	ISSENTATION 2021 QT Maich								
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday		
	1	2	3	4	5	6	7		
Week 9	Write fin	al dissertation c	E hapter summariz	raft Conclusion ing findings; im	s plications; and f	uture research d	irections.		
Š									
	8	9	10	11	12	13	14		
Week 10									
	15	16	17	18	19	20	21		
	13		11			20	21		
Week 11									
	22	23	24	25	26	27	28		
Week 12									
\dashv	29	30	31						
Week 13									

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
vveek 13				1	2	3	4
+	5	6	7	8	9	10	11
vveek 14							
	12	13	14	15	16	17	18
VVeeK IS							
	19	20	21	22	23	24	25
vveek 10							
	26	27	28	29	30		
vveek 17							

• D	DISSERTATION	2027 Q2 M					April June
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 17						1	2
Week 18	3	4	5	6	7	8	9
Week 19	10	11	12	13	14	15	16
Week 20	17	18	19	20	21	22	23
Week 21	24	25	26	27	28	29	30
Week 22	31						

DISSERTATION 2021 Q2 June Iviay July									
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday		
Week 22		MILES disserta	2 3 rtation draft complete TONE: Complete PhD tion draft compiled and for committee review.		4	5	6		
Week 23	7	8	9	10	11	12	13		
Week 24	14	15	16	17	18	19	20		
Week 25	21	22	23	24	25	26	27		
Week 26	28	29	30						

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 26				1	2	3	4
	5	6	7	8	9	10	11
Week 27							
	12	13	14	15	16	17	18
Week 28				with comr	PhD Defense D dissertation in mittee (must occ inal submission o	cur 2 weeks	Revise disser- tation Incorporate committee feedback
Week 29	19	20	21	22	23	24	25 and revisions after defense. Obtain final approval signatures.
Week 30	26	27	28	29	30	31	

• []	DISSERTATION 2027 Q3 August July September								
	Monday	Tuesda	ay Wednesday	Thursday	Friday	Saturday	Sunday		
Week 30							1		
	2	3	4	5	6	7	8		
Week 31		aı	Submit dissertation Upload approved dissertation PDF and submit all required forms to Graduate School by deadline.						
	9	10	11	12	13	14	15		
Week 32									
	16	17	18	19	20	21	22		
Week 33									
	23	24	25	26	27	28	29		
Week 34									
	30	31							
Week 35									