	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 31					1	2	3
Week 32	4	5	6	7	8	9	10
Week 33	11	12	13	14	15	16	17
Week 34	18	19	20	21	22	23	24
Week 35	25	26	27	28	29	Achieve 30 in fiber configu	eed laser ) mW output re (pre-pump ration) for er operation.

 PROPOSAL August | October Saturday Monday Tuesday Wednesday Thursday Friday Sunday 2 5 6 Confirm exam date Define propos Align a 36 Identify committee member Restore amplified out MILESTONE: Oral Week schedule oral exam date. vious benchmark p exam date scheduled. Must send final proposal to committee 2 weeks prior to exam. 8 14 9 10 11 12 13 File committee for Check pulse compres **Prepare** Complete and submit all required committee Verify 200 fs pulse duration Program Week specifications in equipm of Work Develop detailed Program 21 of Work 20 18 19 15 16 17 Laser system read Design A Reserve Week 38 MILESTONE: Laser out Design and exam imaging optics meet all mScarlet room ments for live animal in and jRGEQ Book and ronal) ve confirm nalize cons exam submit pro room 22 23 24 25 26 Submit final paperwork Week 39 Submit all completed paperwork to graduate office and confirm exam scheduling. 29 30 Week 40

September | November

PROPOSAL • ADMIN • IMAGING 2025 Q4 October September Novem									
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday		
Week 40			1	2	3	4	5		
	6	7	8	9	10	11	12		
Week 41									
_	13	14	15	16	17	18	19		
Week 42									
	20	21	22	23	24	25	26		
Week 43	Write full pr	oposal documer	<b>Com</b> t (∼13 pages) in	plete proposal o cluding all aims	lraft and research str	ategy for comm	ttee review.		
We									
	27	28	29	30	31				
Week 44									

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

_	NOI OSAL 202						Novembe
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 49	1	2	3	4	5	6	7
Week 50	8	9	10	11	12	13	14
Week 51	15	MILESTOI mittee 2	proposal to com VE: Email propos weeks before ex pre-exam requi	sal to com- am date	19	20	21
Week 52	22	23	24	25	26	27	28
Week 1	29	30	31				

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	ivioliday	Tuesday	vveullesday	1 mursday	2	3	4
Week 1							
	5	6	7	8	9	10	11
Week 2							
	12	13	14	15	16	17	18
Week 3				MILESTONI core facilit	AV vectors read : AAV vectors r y. Ready for in v to begin expressi	eceived from ivo animal	
	19	20	21	22	23	24	25
Week 4	Create sli	de deck and prac	Protice oral exam p	epare presentati resentation. Air	on n for two practic	e runs with lab	members.
We							
Week 5	26	27	28	29	30	31	

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 5							Cranial window surgery #1 Install cranial
	2	3	4	5	6	7	8 window
Week 6		Qual serta wit	tio	Podonitor and medimaging during	li Incorpo r into pro	s committee fer rate committee posal and subm form for final a	revisions it signed
							timeline
	9	10	11	12	13	14	15 for
Week 7							Cranial window surgery #2 Install cranial
	16	17	18	19	20	21	22 Window
Week 8				Monitor and m	ost-op recovery : edicate Mouse # gesia schedule d	2 after surgery.	
>							(staggered one week after #1).
	23	24	25	26	27	28	/
Week 9		Insta ject	nial window surge ill cranial window AAV in third pilot rther staggered tin	and in- mouse	Monito #3 afte	st-op recovery or and medicate or surgery. Com period before ir	Mouse plete re-

• 11	IMAGING 2026 Q1 March February   April										
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday				
Week 9							Pilot imaging session #1 Acquire in vivo				
	2	3	4	5	6	7	images for 8 Mouse #1				
Week 10			Acqu Mouse	imaging session ire in vivo image #2 under dual-l iditions for comp	s for abel vs		comparing AAV flu- orescence vs tradi- tional dye injection				
	9	10	11	12	13	14	15 methods.				
Week 11					Acqu Mouse	imaging session ire in vivo image #3. Complete f set for Aim 1 va	s for inal pi-				
	16	17	18	19	20	21	22				
Week 12	MILESTON imaging o	t datasets com NE: Three pilot datasets acquire- ion and proposa	two-photon d for Aim		Proc Optin						
	02	04	05	26	07	00	20				
Week 13	23	24	25   pip	Begin developing	elop U-Net pipe automated ima t architecture fo	ge segmentation	es.				
	30	31									
Week 14											

• 11	MAGING • PU						March   May
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 14			1   r	Draft Write manuscript nethodology and	methodology p on AAV-based pilot results fro	vascular imaging	5
Week 15	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
17 Week 16	20	21	22	23	24	25	26
8 Week 17	27	28	29	30			
Week 18							

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week I8					1	Compaing m Systematic imaging d and cont	re label- ethods ally compare epth; SNR; rast across ling methods
Week 19	4	5	6	7	8	(AAV vs c	ye) in vivo.
Week 20	11	12	13	14	15	16	17
Week 21	18	19	20	21	22	23	24
Week 22	25	26	27	28	29	30	31

ır	MAGING • PUBLICATION 2026 Q2 June May July										
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday				
Week 23	1	2	3 complete training (photothrombos	and IACUC app	oke protocol proval for stroke egulatory approv		7 d				
<b>^</b>	8	9	10	11	12	13	14				
Week 24			Induce stroke action surgeries of te Aim 3 longitu								
Week 25	Submit A ogy pap	it methodology Aim 1 imaging rer to journal for publication con	nethodol- peer re-	Condu imaging (0-1 w	ute-phase imagi ct two-photon + g sessions in acut eek post-stroke) nediate vascular	- LSCI e phase to cap-	Refine ML pipeline Adapt and improve machine				
Week 26	22	23	24	25	26	27	28 segmen- tation pipeline for stroke dataset analysis and vascu- lar feature				
Week 27	29	30					detection.				

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	<u> </u>		1	2	3	4	5
				Enhanced			
27				Transition-phas			
Week 27				, , , , ,			
>							
	6	7	8	9	10	11	12
8							
k 28							
Week 28							
_							
	13	14	15	16	17	18	19
63							
Week 29							
We							
	20	21	22	23	24	25	26
	20	21		23	2-7	23	20
30							
Week 30							
Š							
	27	28	29	30	31		
				Stabil	ization-phase in	naging	
31				Conduct	imaging session	s in early	
Week 31				chronic phas	se (5-8 weeks po cular remodeling	st-stroke) to	
>				ODSCIVE VAS	culai remodelli	processes.	

July | September

• 11	IMAGING 2026 Q3 August July   September											
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday					
Week 31						1	2					
Week 32	3	4	5	6	7	8	9					
Week 33	10	11	12	13	14	15	16					
Week 34	17	18	19	20	21	22	23					
Week 35	24	Conduct i stroke (if n	nded chronic im maging at ~12 w eeded) to captur deling and reco	eeks post- e long-term	28	29	30					
Week 36	MILEST planned	roke data comp ONE: Completi longitudinal ima or stroke study (	on of all ging ses-									

• 4	ADMIN • IMAGING 2026 Q3 September August   October									
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday			
Week 36		1	Complete y partment	Combine LSG tural/functio	Integrate CI blood flow monal data for con	flow data etrics with two-p prehensive vasc	hoton struc- ular analysis.			
Week 37	7	8	9	10	11	12	13			
Week 38	14	15	16	17	18	19	20			
Week 39	21	22	23	24	25	26	27			
Week 40	28	29	30							

	IMAGING 2026 Q4 October September November									
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday			
Week 40				Quantify mici	Analyze neurova rovascular netwo dynamics from p	rk changes and	neurovascular			
	5	6	7	8	9	10	11			
Week 41										
	12	13	14	15	16	17	18			
Week 42										
	19	20	21	22	23	24	25			
Week 43										
	26	27	28	29	30	31				
Week 44										

• 11	• IMAGING • PUBLICATION 2026 Q4 November October   December									
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday			
Week 44							1			
	2	3	4	5	6	7	8			
Week 45										
	9	10	11	12	13	14	15			
Week 46										
	16	17	18	19	20	21	22			
				Draft second						
47				Prepare						
Week 47										
	23	24	25	26	27	28	29			
Week 48										
	30									
Week 49										

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

• 0	DISSERTATION 2021 QI January February									
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday			
Week 53					Write o (AAV im	aft Aim 1 chapt chapter detailing laging) methods and 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 in	aft Aim 2 chapt oter detailing Air 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										

	DISSENTATION 2021 QT February Sandary I March										
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday				
	1	2	3	4	5	6	7				
Week 5	Write chapte	er detailing Aim	Dr 3 (stroke model	aft Aim 3 chapt imaging study)	er methods; data; a	and findings for	dissertation.				
>			10		10						
k 6	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				

	Monday Tuesday Wednesday Thursday Friday Saturday S									
	1	2	3	4	5	6	Sunday 7			
Week 9				raft Conclusion	5					
×	8	9	10	11	12	13	14			
Week 10				<u></u>	12	10				
Week 11	15	16	17	18	19	20	21			
Week 12	22	23	24	25	26	27	28			
Week 13	29	30	31							

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 13		155555		1	2	3	4
	5	6	7	8	9	10	11
Week 14							
	12	13	14	15	16	17	18
VVeek IS							
	19	20	21	22	23	24	25
Week Ib							
	26	27	28	29	30		
Week 17							

• [	DISSERTATION 2027 Q2 May     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 2027 Q2 June May   July									
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday			
Week 22		MILES disserta	rtation draft con TONE: Complet tion draft compi for committee re	e PhD led and	4	5	6			
3	7	8	9	10	11	12	13			
Week 23										
	14	15	16	17	18	19	20			
Week 24										
	21	22	23	24	25	26	27			
Week 25										
	28	29	30							
Week 26										

	DISSERTATION 2027 Q3 July June August									
	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 comn	PhD Defense D dissertation in hittee (must occ hal submission d	ur 2 weeks	Revise disser- tation Incorporate committee feedback			
Week 29	19	20	21	22	23	24	25 revisions after defense. Obtain final approval signatures.			
Week 30	26	27	28	29	30	31				

• [	DISSERTATION 2027 Q3 August     July   September									
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday			
Week 30							1			
Week 31	2	Upload a	Jbmit dissertation pproved dissertation bmit all required uate School by o	tion PDF	6	7	8			
$\vdash$	9	10	11	12	13	14	15			
Week 32										
Week 33	16	17	18	19	20	21	22			
Week 34	23	24	25	26	27	28	29			
Week 35	30	31								