2025 Q3 August

July | 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 con configur	eed laser mW output e (pre-pump ation) for r operation.

2025 Q3 September

August | October

_							
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	1	2	3	4	5	6	7
Week 36			Define propos nmittee member oral exam date.	Resto vio	Align a re amplified out ous benchmark p	MILEST(exam date Must send posal to co	final pro- mmittee 2
				Annual		weeks prio	
	8	9	10	11	12	13	14
Week 37		Complete ar		committee for uired committee	ms forms for propo	osal defense.	Prepare Program of Work
We	15	16	17	18	19	20	Develop detailed Program of Work
38	15			10	[19]	[20]	Reserve exam
Week 38							room Book and confirm exam
	22	23	24	25	26	27	28 room
Week 39					Submit all co	mit final papervompleted papervond confirm exan	ork to grad-
Week 40	29	30					

2025 Q4 October

September | 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 sing system target for lution before periments.
	6	7	8	9	10	11	12
Week 41		MILEST imaging	aser system rea ONE: Laser out optics meet all for live animal ir	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-mS	esign AAV vector carlet (vascular) and submit prod	and jRGECO1b	
	20	21	22	23	24	25	26
ek 43	Write full pro	oposal documen	Com t (~13 pages) in	plete proposal of cluding all aims		rategy for comm	ittee review.
Week	77	20	20	20	21		
Week 44	27	28	29	30	31		

2025 Q4 November

October | December

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 44						1	2
Week 45	3	4	5	6	7	8	9
Week 46	10	11	12	13	14	15	16
Week 47	17	18	19	20	21	22	23
Week 48	24	25	26	27	28	29	30

2025 Q4 December November

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	1	2	3	4	5	6	7
Week 49							
	8	9	10	11	12	13	14
Week 50							
	15	16	17	18	19	20	21
Week 51		MILEST committee	proposal to com ONE: Email pro 2 weeks before pre-exam requi	posal to exam date		MILESTO vectors rec core facility. vivo animal	tors ready NE: AAV eived from Ready for in injections to sion studies.
	22	23	24	25	26	27	28
Week 52							
	29	30	31				
Week 1							

2026 Q1 January February

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 1	J			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	Pre tice oral exam p	pare presentati resentation. Ain	on n for two praction	e runs with lab	members.
M							
	26	27	28	29	30	31	
Week 5							

2026 Q1 February

January | March

	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		Ph Qualify sertatio with	М	Po onitor and medi maging during r	Incorpor into pro	s committee feate committee reposal and submit form for final a	evisions t 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 wildow
Week 8				Monitor and me	st-op recovery adicate Mouse # gesia schedule di	2 after surgery.	
_	22	24	25	26	0.7	20	(staggered one week after #1).
Week 9	23	Install ject A <i>l</i>	al window surge cranial window a W in third pilot er staggered tin	and in- mouse	Monito #3 afte	st-op recovery ar and medicate r surgery. Comperiod before in	#3 Mouse lete re-

2026 Q1 March February April

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
k 9	,				,		Pilot imaging
Week 9							session #1 Acquire in vivo
	2	3	4	5	6	7	8 Mouse #1
0				imaging session			comparing
Week 10			Acqu	ire in vivo image #2 under dual-l	s tor		AAV fluo- rescence
Vee			dye cor	ditions for comp	parison.		vs tradi-
>						,	tional dye
							injection 15 methods.
	9	10	11	12	13	14	
1					Pilot	imaging session	ı #3
k 1					Acqu	ire in vivo image #3. Complete f	s for
Week 11					lot data	set for Aim 1 va	lidation.
>							
	16	17	18	19	20	21	22
5		t datasets comp E: Three pilot		Doutous :	Process p	ilot data n and SNR anal	usia Cal
 X	imaging	atasets acquire	for Aim	culate con	trast metrics and	refine imaging	protocols.
Week 12		ion and proposa				0 0	
				<u></u>			
	23	24	25	26	27	28	29
13							
Week 13							
>							
	30	31					
14							
Week 14							
Wee							

2026 Q2 April March | May

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	,	,	1	2	3	4	5
					Draft		
. 14							
Week 14					Develop		
>							
					Optimize		
	6	7	8 +1 more	9	10	11	12
2			T more				
7							
Week 15							
>							
	13	14	15	16	17	18	19
16							
<u>8</u>							
Week 16							
	20	21	22	23	24	25	26
							20
17							
Week 17							
≶							
	27	28	29	30			
~							
Week 18							
/ee							
>							

2026 Q2 May April June

							7 15 5 4
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 18					1	ing m Systematica imaging d and contr different labe	e label- ethods lly compare epth; SNR; ast across ling methods
Week 19	4	5	6	7	8	9 (AAV VS d	yehin 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

2026 Q2 June May | July

202	Suite Way Suite									
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday			
	1	2	3	4	5	6	7			
Week 23		Co		and IACUC app	oke protocol roval for stroke egulatory approv		d			
_										
	8	9	10	11	12	13	14			
Week 24			Induce stroke ction surgeries o e Aim 3 longitu							
	15	16	17	18	19	20	21			
Week 25	Submit A	it methodology Aim 1 imaging mer to journal for publication cons	nethodol- peer re-	Condu imaging (0-1 we	ute-phase imagi ct two-photon - sessions in acut ek post-stroke) rediate vascular	- LSCI e phase to cap-	Refine ML pipeline Adapt and improve machine			
	22	23	24	25	26	27	28 learning			
Week 26		-					tation pipeline for stroke dataset analysis and			
Week 27	29	30					vascular feature detection.			

2026 Q3 July June August

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 27			1	Enhanced	3	4	5
Week 28	6	7	8	9	10	11	12
Week 29	13	14	15	16	17	18	19
Week 30	20	21	22	23	24	25	26
Week 31	27	28	29	Conduct chronic phas	31 ization-phase in imaging session e (5-8 weeks po cular remodeling	s in early st-stroke) to	

2026 Q3 August

July | September

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
						1	2
31							
Week 31							
	3	4	5	6	7	8	9
32							
Week 32							
>							
	10	11	12	13	14	15	16
33							
Week 33							
>							
	17	18	19	20	21	22	23
34							
Week 34							
>							
	24	25	26	27	28	29	30
35		Exter Conduc	ided chronic implies ~ 12	aging 2 weeks			
Week 35		post-sti	oke (if needed) g-term vascular	to cap-			
>		eling	and recovery pat	terns.			
	31						
36	Sti	roke data compl ONE: Completion	ete				
Week 36	planned	longitudinal ima	ging ses-				
Š	sions fo	r stroke study (Aim 3).				

2026 Q3 September

August | October

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
		1	2	3	4	5	6
Week 36			Complete y partment	Combine LSG tural/functio	I blood flow me	flow data etrics with two-p prehensive vasc	hoton struc- ular analysis.
	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							

2026 Q4 October

September | November

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 40				Quantify m	Analyze neuroval crovascular network dynamics from	vork 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	

2026 Q4 November

October | 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
47				Draft second			
Week 47				Prepare			
M							
	23	24	25	26	27	28	29
Week 48							
Week 49	30						

2026 Q4 December November

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	-	1	2	3	4	5	6
Week 49			Complete all grad	PhD Dissertated dissertation wrong transfer dissertation requirem	on & Defense ite-up; final defe ents by Summe	nse; and r 2027.	
>							
	7	8	9	10	11	12	13
Week 50							
	14	15	16	17	18	19	20
П				Draft Int	roduction		
Week 51							
Vee				Submit	second		
_							
	21	22	23	24	25	26	27
Week 52							
	28	29	30	31			
Week 53							

2027 Q1 January February

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 53					Write o (AAV im	aft Aim 1 chap hapter detailing laging) methods d results for dis	ter Aim 1 ; experi-
Week 1	4	5	6	7	8	9	10
Week 2	11	12	13	14	Write chap color in	aft Aim 2 chappeter detailing Ainaging platform results for disse	m 2 (dual-) meth-
Week 3	18	19	20	21	22	23	24
Week 4	25	26	27	28	29	30	31

2027 Q1 February

January | March

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

2027 Q1 March February April

	Monday	Tu	esday	W	ednesday	Т	hursday		Friday	S	aturday		Sunday
	1	2		3		4		5		6		7	
Week 9	Write fin	al disse	ertation ch	apte	D er summariz	raft ing f	Conclusion findings; imp	s olica	tions; and fu	ıture	research di	rect	ions.
M													
	8	9		10		11		12		13		14	
Week 10													
	15	16		17		18		19		20		21	
Week 11													
	22	23		24		25		26		27		28	
Week 12													
	29	30	-	31									
Week 13													

2027 Q2 April March | May

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

April | June 2027 Q2 May

	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						

2027 Q2 June May July

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Wionday	1 l	2	3	4	5	6
Week 22		Disse MILES disserta	rtation draft con TONE: Complet tion draft comp for committee r	mplete e PhD led and			
53	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							

2027 Q3 July June August

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 26				1	2	3	4
Week 27	5	6	7	8	9	10	11
Week 28	12	13	14	with comn	PhD Defense O dissertation in littee (must occurred submission of	ur 2 weeks	Revise disser- tation Incorporate committee feedback
Week 29	19	20	21	22	23	24	and revisions after defense. Obtain final approval signatures.
Week 30	26	27	28	29	30	31	

2027 Q3 August

July | September

_							
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 30							1
	2	3	4	5	6	7	8
Week 31		Upload a and su	ubmit dissertation pproved disserta bmit all required uate School by d	tion PDF forms			
	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							