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							
Week 34	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
Week 35						Align se	eed laser mW output e (pre-pump ation) for r operation.

2025 Q3 September

August | October

	Manday	Tuesday	Mada aaday	Thursday	Fuiday	Caturday	Cunday
	Monday 1	Tuesday 2	Wednesday 3	Thursday 4	Friday 5	Saturday 6	Sunday 7
Week 36		Identify co	Define propos mmittee member oral exam date.	Resto	Align are amplified out	Confirm exam	File com- mittee forms
>				Annual		Oral exam date	and submit all
	8	9	10	11	12	13 Must	14 required
_						Check pulse	
Week 37						proposal	proposal
/ee						Prepare Program	
>						2 weeks prior to	
	15	16	17	18	19	20 exam.	21
_			Plan imaging	Laser	Re		V vectors
38				system	Book and		nd order
Week			Calibrate	ready	gistics fo		arlet (vas-
We			Culloratedin	MILESTONE Laser output		Èinalize c) vectors. onstructs
	22	23	24	25 and	26	27 and submit	production
Week 39				Submit all co	mit final paperwompleted paperwind confirm exam	ork to grad-	
	29	30					
Week 40							

2025 Q4 November

October | December

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 44						1	2
	3	4	5	6	7	8	9
Week 45							
	10	11	12	13	14	15	16
Week 46						Write ful document including a research s committe	oposal draft proposal ~13 pages) Il aims and trategy for e review.
	17	18	19	20	21	22	23
Week 47							
	24	25	26	27	28	29	30
Week 48							

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		Send proposal to com- mittee MILESTONE Email					
Week 52	22	23 to committee 2 weeks before exam date (satisfies pre-exam	24	25	26	27	28
	29	30 require- ment).	31				
Week 1							

2026 Q1 January February

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
				1	2	3	4
Week 1							Prepare presen- tation Create slide deck and
	5	6	7	8	9	10	11 practice oral exam
Week 2							presenta- tion. Aim for two practice runs
	12	13	14	15	16	17	18 members.
Week 3				AAV vectors ready MILESTONE AAV vectors	:		
	19	20	21	22 received	23	24	25
Week 4		Qualify sertatio	D Proposal Exa ing Exam: Defe n proposal in or committee mem	nd dis- al exam bers.	Incorpo into pro	ss committee fe rate committee posal and subm form for final a	revisions it signed
	26	07	20	to begin	20	21	
Week 5	26	27	28	studies.	30	31	

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 and inject
Week 6				nd medicate Mo	covery #1 buse #1 after su period to allow		AAV in first pilot mouse. Begin expression 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				and medicate I	covery #2 Mouse #2 after edule during red		Cranial window surgery #3 Install cranial
	23	24	25	26	27	28	window and inject
Week 9				and medicate I	covery #3 Mouse #3 after eriod before ima		AAV in third pilot mouse (further staggered timing).

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- ditions for comp	es for abel vs	7	images for 8 Mouse #1 comparing AAV fluorescence vs traditional dye injection
Week 11	9	10	Acqu Mouse	imaging session ire in vivo image #3. Complete f set for Aim 1 va	s for inal pi-	Pilot datasets complete MILESTONE Three pilot two-	15 Process Optimize Order
Week 12	16	17	18	19	20	Begin de automate segmentati using U-Net for vascula	on pipeline architecture
Week 13	23	24	25	26	27	28 ngures.	29
Week 14	30	31					

2026 Q2 April March | May

_	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Wienady	racsaay	1	2	3	4	5
Week 14				Draft	methodology p on AAV-based pilot results fro	aper	
<u> </u>	6	7	8	9	10	11	12
Week 15							
Week 16	13	14	15	16	17	18	19
Week 17	20	21	22	23	24	25	26
Week 18	27	28	29	30			

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	20 Q2 Suite Iviay Suity									
	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
			1	2	3	4	5
				Enhanced			
Week 27							
Vee				Transition-phas			
>							
	6	7	8	9	10	11	12
8							
Week 28							
We							
	13	14	15	16	17	18	19
6							
Week 29							
We							
	20	21	22	23	24	25	26
х Э							
Week 30							
	27	28	29	30	31		
					ization-phase in	naging	
31				Conduct	imaging session	s in early	
Week 31				observe vas	e (5-8 weeks po cular remodeling	st-stroke) to g processes.	
>							,

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	Condu post-si ture lo	26 ended chronic im ct imaging at ~1 troke (if needed) ng-term vascular and recovery par	2 weeks to cap- remod-	28	29	30
Week 36	Stroke data complete MILESTONE Comple- tion of all planned	:					
	longi- tudinal						

tudinal imaging sessions for stroke study (Aim 3).

2026 Q3 September

August | October

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	-	1	2	3	4	5	6
ွ				Integrate	flow		
×							
Week 36				Annual p	rogress		
>							
	7	8	9	10	11	10	12
	/	0	9	10	11	12	13
37							
Week 37							
Š							
	14	15	16	17	18	19	20
ω							
Week 38							
Wee							
	21	22	23	24	25	26	27
39							
Week 39							
>							
	28	29	30				
40							
Week 40							
\mathbb{N}							

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			
×							
	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 Summer	nse; and r 2027.	
<u>></u>	7	8	9	10	11	12	13
Week 50							
	14	15	16	17	18	19	20
L				Draft Int	roduction		
Week 51							
ee/				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					Draft Aim 1 chapter Write chapter detailing Aim 1 (AAV imaging) methods; experiments; and results for dissertation.		
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	e 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							

2027 Q2 May April June

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 17	Worlday	Tuesday	vveunesday	marsaay	Triday	Disserta- tion draft complete MILESTONE	2
Week 18	3	4	5	6	7	Complete PhD dis- sertation 8 draft compiled and ready for committee review.	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
Week 22	,	1	2	3	4	5	6
Week 23	7	8	9	10	11	12	13
Week 24	14	15	16	17	18	19	20
Week 25		22	23	24	25	26	27
Week 26	28	29	30				

2027 Q3 July June August

	1						
	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 occur nal 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	

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							