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 mmittee member oral exam date.	Resto	Align a re amplified out ous benchmark p	MILESTO exam date Must send posal to co	final pro- mmittee 2
				Annual		weeks prio	r to exam.
	8	9	10	11	12	13	14
Week 37		Complete ar	File d submit all req	c committee for uired committee	Verify 2	k pulse compre 00 fs pulse dura ifications in equ	Program
M	15	16	17	18	19	20	detailed Program of Work
			Plan imaging	L	aser system rea	Design AA	Reserve
38				MILEST	ONE: Laser out	Design a	exam
Week			Calibrate		optics meet all	AAV-mSc	
Š				ments i	for live animal ir	cular) and (neuronal	Book and confirm
						Finalize o	exam
	22	23	24	25	26	27 and submit	100
		25		23		mit final paperv	
39						mpleted paperv	
e X						nd confirm exan	
Week							
-							
	29	30					
40							
Week 40							
We							

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
Week 49	1	2	3	4	5	6	7
We	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			
Week 52	22	23	24	25	26	27	28
Week 1	29	30	31				

2026 Q1 January February

	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				MILESTONE core facility	AV vectors rea : AAV vectors in v. Ready for in o begin express	eceived from vivo animal	
	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 practi	ce runs with lab	members.
>	26	27	28	29	30	31	
Week 5							

2026 Q1 February

January | March

	Monday	٦ ا	Tuesday	Wed	nesday	Т	hursday		Friday	S	Saturday	Sunday
			accuay			-					- acai aay	1
Week 5												Cranial window surgery #1 Install cranial
	2	3		4		5		6		7		8 window
Week 6			Ph Qualify sertatio with	<u></u>	M		Poor and mediing during r		Incorpor into pro	ate posa	mmittee fee committee r I and submi n 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 Window
Week 8							Post-op re medicate M nalgesia sch	Nous	e #2 after			Cranial window surgery #3 Install cranial
	23	24		25		26		27		28		window and inject
Week 9							Post-op re medicate N recovery po	/lous	e #3 after			AAV in third pilot mouse (further staggered timing).

2026 Q1 March February April

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
		-		-			1
Week 9							Pilot imaging session #1 Acquire in vivo
	2	3	4	5	6	7	8 Mouse #1
Week 10			Acqu Mouse	imaging session ire in vivo image #2 under dual- ditions for comp	es for abel vs		comparing AAV fluo- rescence vs tradi- tional dye
	9	10	11	12	13	14	methods.
Week 11			Pilot Acqu Mouse	imaging session ire in vivo image #3. Complete f set for Aim 1 va	n #3 es for inal pi-	Pilot datasets complete MILESTONE Three pilot two-	Process
	16	17	18	19	20	21 photon	22
Week 12						Begin de automate segmentati using U-Net for vascula	Net pipeline veloping ed image on pipeline architecture
	23	24	25	26	27	28 liigures.	29
Week 13							
	30	31					
Week 14							

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	o QZ June						Iviay July
	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
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
و				Integrate	flow		
Week 36							
Wee				Annual p	rogress		
	7	8	9	10	11	12	13
Week 37							
Vee							
_							
	14	15	16	17	18	19	20
			10			13	20
Week 38							
Vee							
>							
_	21	22	22	24	OE	26	27
	21	22	23	24	25	26	27
39							
Week 39							
>							
	28	29	30				
40							
Week 40							
Š							

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	Draft Aim 1 chapter Write chapter detailing Aim 1 AAV imaging) methods; experients; 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	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

	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							