July | September

2025 Q3 August

	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	Align se Achieve 30 in fiber core configura stable laser	proposal outline MILESTONE
							draft to advisor for review before Monday deadline.

2025 Q3 September

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	1	2	3	4	5	6	7
Week 36		ldentify co schedule		Restore ampli	Align amplifier fied output to 1 hmark performa	30 mW (pre- nce level).	
_							
	8	9	10	Annual	12	13	14
				k pulse compre			14
37			Verify 20	00 fs pulse dura	tion and		
Week 37			record spec	ifications in equ		Calibrate	
>							
						Laser	
	15	16	17	18	19	20	21
Week 38					+11nore		
	22	23	24	25	26	27	28
Week 39							
	29	30					
Week 40							

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
		,,	1	2	3	4	5
Week 40			Design and vectors. Fina	order AAV-mSo	esign AAV vector arlet (vascular) and submit prod	and jRGECO1b	(neuronal) core facility.
	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							
	27	28	29	30	31		
Week 44							

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	Write full document (including a research s	oposal draft proposal ~13 pages) Il aims and trategy for e review.
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		Send proposal to com- mittee MILESTONE Email					
Week 52	22	23 proposal 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
Week 1				1	2	3	Prepare presentation Create slide deck and
Week 2	5	6	7	8	9	10	practice oral exam presenta- tion. Aim for two practice runs with lab
Week 3	12	13	14	AAV vectors ready MILESTONE AAV vectors		17	18 members.
Week 4	19	PhD Proposal Exam Qualifying Exam: Defend	21	Address ncorporate community submit signed a injections	s committee feathittee revisions in pproval form for	nto proposal and	25
Week 5	26	disser- tation proposal in oral exam with committee members.	28	29 studies.	30	31	

2026 Q1 February

	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			covery #1 use #1 after su period to allow				Cranial window surgery #2 Install
							cranial
	9	10	11	12	13	14	15 window
Week 7			covery #2 Mouse #2 after edule during rec				Cranial window surgery #3
^	16	17	18	19	20	21	Install cranial
Week 8	Monitor	Post-op re		surgery.			Pilot imaging session #1
							Acquire in vivo
Week 9	23	24	25	26	27	28	images for Mouse #1 comparing AAV fluo- rescence vs tradi- tional dye injection methods.

February | April

2026 Q1 March

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 9							Pilot imaging Order enhanced AAV
Week 10	2	3	4	5	6	7	Pilot imaging session #3 Acquire in vivo
	9	10	11	12	13	14	15 _f images
				Pil	ot		Develop U-Net Complete
Week 11							
Vec				Process p	ilot data		Optimize
							for Aim 1 validation.
	16	17	18	19	20	21	22
Week 12							
	23	24	25	26	27	28	29
Week 13							
Week 14	30	31					

March | May

2026 Q2 April

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
			1	2	3	4	5
14				Draft Write manuscrip	methodology p on AAV-based	aper	<u>,</u>
Week 14			n	nethodology and	pilot results fro	m Aim 1 studies	š.
Š							
					10		10
	6	7	8	9	10	11	12
15							
Week 15							
>							
	13	14	15	16	17	18	19
9							
Week 16							
We							
	20	21	22	23	24	25	26
17							
Week 17							
>							
	27	28	29	30			
		20	29	30	Compare labe	ling methods	
k 18				Sys	tematically comp R; and contrast	pare imaging de	oth;
Week 18				be	ing methods (A	AV vs dye) in vi	VO.

April | June 2026 Q2 May

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 18					1	2	3
	4	5	6	7	8	9	10
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							Establish stroke protocol Complete training and IACUC
							approval for stroke induction method (pho- tothrom-

bosis). Ensure all regulatory approvals

are in place.

2026 Q2 June May July

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	1	2	3	4	5	6	7
Week 23	Submit methodol- ogy paper Submit Aim 1 imaging					Perform stro surgeries on tal animal initiate Ai	stroke ke induction experimen- cohort to m 3 longi- ging study.
Week 24	methodol- dgy paper to journal for peer review and pub- lication consid-	9	10	11	12	13	14
	15 eration.	16	17	18	19	20	21
25				Acute-phase			
k 2							
Week				Refine ML pipeline			
>							
Week 26	22	23	24	25	26	27	28
Week 27	29	30					

June | August

2026 Q3 July

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 27			Transitio	nced	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	phase i Conduct ima in early ch (5-8 weeks to observ	zation- maging ging sessions ronic phase post-stroke) e vascular processes.		

2026 Q3 August

imaging sessions for stroke study (Aim 3).

_	O QO August						зіў Эсресіпвеі
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 31						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		Conduct ima weeks pos needed) to d term vascula	onic imaging aging at ~12 c-stroke (if apture long-remodeling y patterns.				
	31						
Week 36	Stroke data complete MILESTONE Comple- tion of all planned	:					
	longi- tudinal						

2026 Q3 September

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

September | November

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 40				Quantify m	Analyze neuroval crovascular network dynamics from	work changes an	d neurovas-
	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							

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	Draft second
Week 47	16	17	18	19	20	21	22
Week 48	23	24	25	26	27	28	29
Week 49	30						

2026 Q4 December November

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	ivioliday	1	2	3	4	5	6
Week 49			Complete	PhD Dissertated dissertation wr		nse; and	
<i>></i>	7			10	11	10	12
Week 50	7	8	9	10	11	12	13
	14	15	16	17 Draft Int	18	19	20
51				Drait int	oduction		
Week 51				Submit	second		
Š							
52	21	22	23	24	25	26	27
Week 52							
Week 53	28	29	30	31			

2027 Q1 January February

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 53					Write o (AAV im	aft Aim 1 chapt thapter detailing laging) methods of results for dis	Aim 1 ; experi-
1	4	5	6	7	8	9	10
Week 1							
Week 2	11	12	13	14	Write chap color in	aft Aim 2 chapt ter detailing Ain naging 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	W	ednesday	7	hursday		Friday	5	Saturday		Sunday
1	2		3		4		5		6		7	
Write chapte	r de	tailing Aim	3 (st	Dr roke model	aft / ima	Aim 3 chapt ging study)	er met	hods; data;	and	findings for	diss	ertation.
8	9		10		11		12		13		14	
15	16		17		18		19		20		21	
22	22		24		25		26		27		20	
	23		24		23		20		21		20	
	Write chapte	Write chapter de 8 9	Write chapter detailing Aim 8 9 15 16	Write chapter detailing Aim 3 (st	Write chapter detailing Aim 3 (stroke model 8 9 10 15 16 17	Write chapter detailing Aim 3 (stroke model image) 8 9 10 11	Write chapter detailing Aim 3 (stroke model imaging study) 8 9 10 11 15 16 17 18	Write chapter detailing Aim 3 (stroke model imaging study) met 8 9 10 11 12 15 16 17 18 19	Write chapter detailing Aim 3 (stroke model imaging study) B 9 10 11 12 5 Draft Aim 3 chapter imaging study) methods; data;	Write chapter detailing Aim 3 (stroke model imaging study) methods; data; and 15	Write chapter detailing Aim 3 (stroke model imaging study) 8 9 10 11 12 13 15 16 17 18 19 20	1

February | April

2027 Q1 March

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	1	2	3	4	5	6	7
Week 9	Write fin			raft Conclusion ing findings; imp	s plications; and fo		rections.
We							
	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							

March | May

2027 Q2 April

	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						Disserta- tion draft complete MILESTONE Complete PhD dis-	2
Week 18	3	4	5	6	7	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						

May | July

2027 Q2 June

	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	21	22	23	24	25	26	27
Week 26	28	29	30				

2027 Q3 July

	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				PhD Defense Defend PhD dissertation in oral	Incorpor and revi	evise dissertation ate committee sions after defer al approval sign	eedback ise. Ob-
	19	20	21	22 committee	23	24	25
Week 29				(must occur 2 weeks before final			
Week 30	26	27	28	29 ^d eadline).	30	31	

July | September

2027 Q3 August

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 30							Submit disser- tation Upload approved disser-
Week 31	2	3	4	5	6	7	8 PDF and submit all required forms to Graduate School by deadline.
Week 32	9	10	11	12	13	14	15
Week 33	16	17	18	19	20	21	22
Week 34	23	24	25	26	27	28	29
Week 35	30	31					