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 cor 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		mplifier put to 130 mW erformance leve	
>				Plan			
	8 +1 more	9	10	11	12	13	14
37	+1 more					Confirm	
Week 37						Check_pulse	
>							
	15	16	17	18	19	20	21
ω				Laser			
Week 38				system ready			
We				MILESTONE Laser output			
Week 39	22	23	24	and imaging optics meet all require- ments for live animal imaging.	26	27	28
Week 40	29	30					

2025 Q4 October

September | November

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday		
Week 40			Design and vectors. Fina	Design AAV vectors Design and order AAV-mScarlet (vascular) and jRGECO1b (vectors. Finalize constructs and submit production orders to constructs.					
×	6	7	8	9	10	11	12		
Week 41									
Week 42	13	14	15	16	17	18	19		
Week 43	20	21	22	23	24	25	26		
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	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
Week 49	1	2	3	4	5	6	7
X	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
Week 1	29	30 requirement).	31				

2026 Q1 January February

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
			,	1	2	3	4
							Prepare
Week 1							presen-
lee/							tation Create
<							slide
							deck and
	5	6	7	8	9	10	11 practice
							presenta-
2							tion. Aim
Week							for two
>							practice runs
							with lah
\vdash	12	13	14	15	16	17	18 members.
	12	15	14	AAV	10	11	10
3				vectors			
Week				ready			
Š				MILESTONE AAV	:		
				vectors			
	19	20	21	22 received	23	24	25
	19						
4			D Proposal Exa ing Exam: Defe			s committee fer ate committee i	
Week		sertatio	n proposal in or	al exam		posal and submi	
Š		with	committee mem	bers.	approva	form for final a	pproval.
				to begin			
\vdash	26	27	28	expression	30	31	
	20		20	studies.	30	31	
2							
Week							
×							

2026 Q1 February January | March

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Wienady	raesaay	VVcuriesday	Thaisady	Triday	Suturday	1
Week 5							Cranial window surgery #1 Install cranial
	2	3	4	5	6	7	8 window
Week 6				nd medicate Mo	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				and medicate I	covery #2 Mouse #2 after edule during red	surgery.	Cranial window surgery #3 Install
							cranial
	16	17	18	19	20	21	22 window
Week 8				and medicate I	covery #3 Mouse #3 after eriod before ima		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.

2026 Q1 March February | April

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	memaay	raccay	- Treameday	rnaisaay	11.00	- Cutar au	1
6 X							Pilot imaging
Week 9							Order enhanced AAV
							ennanced AAV
	2	3	4	5	6	7	8
10							Pilot imaging
Week 10							session #3
>							Acquire in vivo
	9	10	11	12	13	14	15, images
1					Pilot		Optimize
Week 11					Process pilot data		imaging systems
We					Process pilot data		Tune mi- croscope
	1.0	4-1	10	10		0.1	optics
	16	17	18	Develop U-I	20	21	22 for dual-
Week 12			Begin de	veloping automang U-Net archite	ted image segm	entation	
Wee			pipeline usi	ng O-ivet archite	cture for vascui	ar reatures.	
							configure LSCI for
	23	24	25	26	27	28	29 measure-
13							ments.
Week 13							
>							
	30	31					
4							
Week 14							
We							

2026 Q2 April March | May

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
			1	2	3	4	5
Week 14			V m	 Draft Vrite manuscript	methodology p		
	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

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 18					Systematica SNR; and	are labeling me ally compare ima contrast across thods (AAV vs o	ging depth; different
Week 19	4	5	6	7	8	9	10
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

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 23	Submit A ogy paper view and	Co	omplete training (photothrombos	Establish streamd IACUC app		induction metho	7 od
^					10	40	
Week 24	8 Perf	orm stroke indu	Induce stroke ction surgeries of e Aim 3 longitude	n experimental dinal imaging st	ani- udy.	13	14
	15	16	17	18 Acute-phase	19	20	21
Week 25				Refine ML pipeline			
Week 26	22	23	24	25	26	27	28
Week 27	29	30					

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	0	0	10	11	10
	6	7	8	9	10	11	12
28							
Week 28							
Š							
	13	14	15	16	17	18	19
6							
Week 29							
Vee							
>							
	20	21	22	02	24	25	26
	20	21	22	23	24	25	26
30							
Week 30							
Š							
	27	28	29	30	31		
				Stabil	zation-phase in	naging	
ж Э.				Conduct	imaging session e (5-8 weeks po	s in early	
Week 31				observe vas	e (5-8 weeks po cular remodeling	processes.	
>							,

2026 Q3 August

for stroke study (Aim 3). July | September

202	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	Conduc post-st ture lo	26 nded chronic im t imaging at ~1 roke (if needed) ng-term vascular and recovery pa	2 weeks to cap- remod-	28	29	30			
Week 36	31 Stroke data complete MILESTONE Completion of all planned									
	longi- tudinal imaging sessions									

2026 Q3 September

August | October

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
		1	2	3	4	5	6
9				Integrate	flow		
Week 36							
Vee				Annual p	rogress		
_							
	7	8	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
6							
X							
Week 39							
_							
	28	29	30				
Week 40							
eek							
≥							

2026 Q4 October

September | November

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 40				Quantify m	Analyze neurovalicrovascular 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 with the dissertation requirements of the dissertation of the dissert	on & Defense ite-up; final defe ents by Summer	nse; and 2027.	
>	7	0		10	11	10	12
Week 50	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
_				Draft Int	roduction		
Week 51							
/ee				Submit	second		
>							
Week 52	21	22	23	24	25	26	27
Week 53	28	29	30	31			

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 chap oter 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 Wednesday Thursday Friday Saturday Sunday Draft Aim 3 chapter
Write chapter detailing Aim 3 (stroke model imaging study) methods; data; and findings for dissertation. Week 5 Week 8

2027 Q1 March February April

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	1	2	3	4	5	6	7
Week 9	Write fin	al dissertation c	D hapter summariz	raft Conclusion ing findings; imp	s blications; and fi	uture research d	irections.
>	8	9	10	11	12	13	14
Week 10							
Week 11	15	16	17	18	19	20	21
>	22	23	24	25	26	27	28
Week 12							
Week 13	29	30	31				

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						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						

2027 Q2 June May | July

_	NA 1	T .	\ \A/	T	F:I		, ,
-	Monday	Tuesday	Wednesday	Thursday 3	Friday	Saturday	Sunday 6
Week 22		1	2	3	4	5	6
	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

	Manday	Tuesday	Wednesday	Thursday	Friday	Caturday	C.m.day
	Monday	Tuesday	vvednesday	Thursday 1	2	Saturday 3	Sunday 4
Week 26							4
	5	6	7	8	9	10	11
Week 27							
	12	13	14	15	16	17	18
Week 28				with comm	PhD Defense D dissertation in hittee (must occ 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.
	26	27	28	29	30	31	
Week 30							

2027 Q3 August

July | September

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 30							1
Week 31	2	Upload a and su	bmit dissertation opproved dissertation opproved dissertation of the bull of t	tion PDF forms	6	7	8
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					