July | September

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	ivioliday	Tuesday	vveunesday	Titursday	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2	3
Week 31							
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 Send initial
							proposal draft to advisor for review before Monday deadline.

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2025 Q3 August

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2025 Q3 September

August | October

	Monday		Tuesday	Wednesday		hursday		Friday		Saturday		Sunday
Week 36		2	Identify cor schedule	3	4 R	estore ampli	fied	gn amplifier output to 1 ark performa	6 30 r nce	nW (pre- level).	7	
^						Annual						
	8	9		10	11		12		13		14	
Week 37				Verify 2	00 fs	ulse compres s pulse dura tions in equ	tion	and		 Calibrate		
	15	16		17	18		19		20	Laser	21	
Week 38	15	10		11	10	l		more	20		21	
Week 39	22	23		24	25		26		27		28	
Week 40	29	30										

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2025 Q4 October

September | November

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 40			Design and vectors. Fina	order AAV-mS	gesign AAV vector carlet (vascular) and submit prod	and iRGECO1b	(neuronal) core facility.
Week 41	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
Week 42	20	21	22	23	24	25	26
Week 43							[20]
Week 44	27	28	29	30	31		

2025 Q4 November

October | December

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
-	ivioliday	Tuesday	vveunesday	Thursday	Friday	1	2
Week 44							
	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 proposal to committee 2 weeks before exam date (satisfies pre-exam	24	25	26	27	28
	29	30 require- ment).	31				
Week 1							

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2026 Q1 January February

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 1				1	2	3	Prepare presen- tation 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:	21	ncorporate comm submit signed a	s committee fer nittee revisions i pproval form for	nto proposal and	25
Week 5	26	Defend dissertation proposal in oral exam with committee members.	28	to begin 29 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 window
Week 6	Monitor a	Post-op re	covery #1 use #1 after su period to allow	rgery. No			Cranial window surgery #2 Install cranial
	9	10	11	12	13	14	15 window
Week 7	Monitor	Post-op re	covery #2 Mouse #2 after edule during rec	surgery.		14	Cranial window surgery #3 Install
							cranial window
	16	17	18	19	20	21	22 window
Week 8		and medicate I	covery #3 Vouse #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
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
				Pilo	ot		Develop U-Net Complete
Week 11				Process p	ilot data		Optimize
×							for Aim 1 validation.
Week 12	16	17	18	19	20	21	22
13	23	24	25	26	27	28	29
Week 13							
Week 14	30	31					

2026 Q2 April March | May

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 14			1 V	Draft Vrite manuscript	methodology p on AAV-based pilot results fro	4 paper vascular imaging	5
>	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	SN	Compare labe tematically comp R; and contrast ing methods (A.	pare imaging dep across different	la-

2026 Q2 May April | June

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
vveek 10					1	2	3
	4	5	6	7	8	9	10
VVEEK 19							
_	11	12	13	14	15	16	17
Veek 20							
	18	19	20	21	22	23	24
VICEN 21							
1100 A	25	26	27	28	29	30	Establish stroke protocol Complete training and IACUC
_							approval for stroke induction method (pho-

approval for stroke induction method (photothrombosis). Ensure all regulatory approvals

are in place.

May | July

2026 Q2 June

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

June | August

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	ivioliday	Tuesday	1	2	3	4	5
			_	nced		<u> </u>	
27							
Week 27			Transitio	n-phas			
>							
	6	7	8	9	10	11	12
8							
k 2							
Week 28							
	12	14	1.	16	17	10	10
	13	14	15	16	17	18	19
29							
Week 29							
×							
	20	21	22	23	24	25	26
Week 30							
Vee							
>							
	0.7	00		20	21		
	27	28	29	30	31		
31				Stabili: phase i	zation- maging		
Week 31				Conduct ima	ging sessions		
We				in early chi	onic phase post-stroke)		
				to observ	e vascular		
		<u> </u>	<u> </u>	remodeling	processes.		

2026 Q3 July

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
	10	11	12	13	14	15	16
Week 33	<u></u>						
	17	18	19	20	21	22	23
Week 34							
	24	25	26	27	28	29	30
Week 35		Conduct image weeks posineeded) to determ vascula	onic imaging aging at ~12 t-stroke (if apture long-r remodeling ry patterns.				
Week 36	Stroke data complete MILESTONE Comple- tion of all planned						
	longi- tudinal imaging						

sessions for stroke study

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2026 Q3 September

August | October

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

2026 Q4 October

September | November

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
Week 40				Quantify m	Analyze neurovascular coupling Quantify microvascular network changes and neurovascular coupling dynamics from post-stroke imaging dat			
	5	6	7	8	9	10	11	
Week 41								
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	J	,					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
		1	2	3	4	5	6
Week 49			Complete	PhD Dissertate dissertation wr	on & Defense ite-up; final defe ents by Summer	nse; and r 2027.	
_				10		10	12
	7	8	9	10	11	12	13
Week 50							
	14	15	16	17	18	19	20
1				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		,			1 Dr	3 ter Aim 1 ; experi-	
Week 1	4	5	6	7	8	9	10
Week 2	11	12	13	14	Write char 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		/ednesday	1	Thursday		Friday		Saturday		Sunday
	1	2		3		4		5		6		7	
Week 5	Write chapte	r de	tailing Aim	3 (st	Dr troke model	aft ima	Aim 3 chapt ging study)	er met	hods; data;	and	findings for	diss	ertation.
W													
	8	9		10		11		12		13		14	
Week 6													
	15	16		17		18		19		20		21	
7													
Week 7													
	22	23		24		25		26		27		28	
Week 8					-								-

February | April

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 9	Write fin.	al dissertation c	Dhapter summariz	raft Conclusion	s plications; and fo	ture research d	7 irections.
Week 10	8	9	10	11	12	13	14
Week 11 W.	15	16	17	18	19	20	21
Week 12 W	22	23	24	25	26	27	28
Week 13 V	29	30	31				

2027 Q1 March

March | May

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	ivioliday	Tuesuay	vveunesuay	1 mursuay	2	3	4
Week 13							7
	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 April

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						

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2027 Q2 May

May | July

2027 Q2 June

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
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							

June | August

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Worlday	racsaay	Wednesday	1	2	3	4
Week 26							
	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	feedback ise. Ob-
Week 29	19	20	21	exam with 22committee (must occur 2 weeks before final submission	23	24	25
Week 30	26	27	28	29 ^{deadline}).	30	31	

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2027 Q3 July

July | September

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Worlday	Tuesday	vveunesday	Titursday	Tituay	Saturday	1
Week 30							Submit disser- tation Upload approved disser-
Week 31	2	3	4	5	6	7	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					

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2027 Q3 August