

SAMPLE RESIDENT RESEARCH TIMELINE

Developed by the ASHP New Practitioners Forum Clinical Practice Advisory Group

Additional resources available in the [ASHP Research Resource Center](#)
and the [Research Project Tip Sheet](#)

STANDARD TIMELINE	MONTH	FLIPPED TIMELINE
<ul style="list-style-type: none"> Obtain CITI/NIH training Identify research topic and advisors Develop research question after conducting a literature search Develop hypothesis, aims, and study design 	July/ August	<ul style="list-style-type: none"> Select research project with IRB pending/approved Complete CITI/NIH training Plan study logistics and determine sources for data Revise project plan and develop data collection form or database (if not already completed) Test data collection
<ul style="list-style-type: none"> Review IRB submission requirements Develop methods and statistical analysis plan If applicable, begin grant preparation Submit abstract for ASHP Midyear 	September	<ul style="list-style-type: none"> Complete data collection Submit abstract for ASHP Midyear Prepare background and methods for final manuscript
<ul style="list-style-type: none"> Plan study logistics and determine sources for data Revise project plan and develop data collection form or database Submit project for IRB review 	October	<ul style="list-style-type: none"> Finalize data collection Discuss preliminary results with advisors and begin analysis
<ul style="list-style-type: none"> Revise IRB submission (if needed) Submit grant (if applicable) Meet with advisor to ensure plan for data collection and resources needed are available Test data collection after IRB approval Prepare final poster for ASHP Midyear (results in progress) 	November	<ul style="list-style-type: none"> Finalize data analysis (if data collection complete, otherwise present preliminary data) Prepare final poster for ASHP Midyear (results completed) Prepare results and discussion for final manuscript
<ul style="list-style-type: none"> Present poster at ASHP Midyear Complete data collection Prepare backgrounds and methods for final manuscript 	December	<ul style="list-style-type: none"> Present poster at ASHP Midyear Begin and edit manuscript Submit final IRB report (if applicable)

STANDARD TIMELINE	MONTH	FLIPPED TIMELINE
<ul style="list-style-type: none"> Complete data collection Prepare backgrounds and methods for final manuscript Begin preparing for Regional Residency Conference 	January	<ul style="list-style-type: none"> Finalize manuscript Identify research topic and advisors for second project Begin Preparing for Regional Residency Conference
<ul style="list-style-type: none"> Finalize data collection for analysis Discuss preliminary results with advisors 	February	<ul style="list-style-type: none"> Develop second project research question, hypothesis, aims, and study design
<ul style="list-style-type: none"> Analyze data Prepare abstract for final presentation 	March	<ul style="list-style-type: none"> Develop methods and statistical analysis plan Review IRB submission requirements If applicable, begin grant preparation
<ul style="list-style-type: none"> Prepare a final presentation of results Prepare results and discussion for final manuscript 	April	<ul style="list-style-type: none"> Plan preliminary study logistics and determine sources for data Revise project plan and develop data collection form or database
<ul style="list-style-type: none"> Finalize and edit manuscript for submission Submit final IRB report (if applicable) 	May	<ul style="list-style-type: none"> Submit project for IRB review
<ul style="list-style-type: none"> Edit and submit manuscript 	June	<ul style="list-style-type: none"> Revise IRB submission (if needed) Submit grant (if applicable)

References

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