Career development plan

Being accepted as a LACaTS Roadmap Scholar would be instrumental in allowing me to attain my long-term academic goal of becoming a skilled, independent, funded clinical and translational investigator. My specific research goal for this proposal is to investigate the fascinating role of the ██ ████. It is hoped that this area of investigation will lead to exciting new treatment strategies for this significant disease. Of equal importance, the methods employed in this proposal will provide me with invaluable experience in translational research that will propel my career as an academic physician-investigator.

My prior research and training experiences have ideally prepared me for this award. I trained at ████████████████████████████████ under the mentorship of Dr. ███████████, an internationally recognized clinical researcher in █████, during which time a passion for clinical investigation was sparked. My prior clinical research experience was conducting experiments on ██ patients. This led to a publication in the ████████████████ Journal, with three more papers under consideration in peer-reviewed journals. Additionally, I completed two courses in the Master of Science in Clinical and Translational Medicine program at the ████████████████████████████. The lessons learned from these courses and my prior research experience have created a love for investigation and prepared me for the opportunities presented by this award.

The two years of protected support and mentored career development offered to LACaTS Roadmap Scholars would be invaluable in my progression from a new faculty member to an independent investigator. This structure would allow me to generate preliminary data towards a subsequent submission for a first extramural grant. Dedicated mentorship provided through the program will facilitate my development into an independent researcher. I will meet on a weekly basis with my mentors individually and monthly as a group to discuss and review my progress and future development. As outlined in the figure, formal research presentations will take place at ████████████████████████ on a regular basis as well as at the ███████ ████████████████████ Conference yearly. When I joined the faculty at ███████████ , obtaining a master's degree in clinical research was a short-term goal which would be facilitated and expedited by being accepted as a LACaTS Roadmap Scholar. Through the coursework I will expand my expertise in biostatistics and epidemiologic methods, the responsible conduct of research, protocol design and writing, and grant writing. All of these skills will greatly enhance my chances of successfully obtaining external research support. During the conduct of the proposed research project, I will develop specific technical skills working with experimental animal models of ████████████████████ that will be applied to future research. These techniques will not only be related to the proposed experiments, but will allow me to develop a general laboratory approach to solve clinical problems. I have developed an interdisciplinary collaboration with a basic scientist (Dr. ABC), which will lead to further collaborations (we are currently discussing a clinical trial of ████████████████████████████).

In conclusion, being chosen as a LACaTS Roadmap Scholar would allow me to build upon my prior research experience and attain my goal of becoming an independent, externally-funded clinical and translational investigator. Through these interactions, I will able to take ideas from the clinic to the lab and vice versa, which is the ultimate goal of any successful physician scientist.

Timeline:

June 2013	July 2013		March 2014	May 2014	Dec 2014	Feb 2015	May 2015	June 2015
Present at research conference	Salary support begins	Begin MSCR classes	Present at research conference	Present at ████	Present at research conference	Apply for NIH grant	Present at ████	MSCR classes end / Present at research conference / Salary support ends