Extra Credit Reading **Name: _____**

PANIC IN LEVEL 4

1. What is a level 4 lab?

2. Where are the level 4 labs in the United States located?

3. Why is Ebola called a "hot" virus?

4. What happened to the author's suit while he was in the level 4 lab?

5. What does DNA taste like?

6. Who are the Chudnovsky brothers?

7. Where did the Chudnovsky brothers build their super computer?

8. Why did the Chudnovsky brothers build their super computer?

9. Why is the woolly adelgid a threat to North American forests?

10. What is the range of the eastern hemlock?

11. List the trees that are dying in North America and the cause of their demise.

12. What are the pros and cons of the use of imidacloprid?

13. How will bird species be affected by the deaths of North America trees?

14. Who was G.M.?

15. How is Ebola spread?

16. Can people survive Ebola? If so, who?

17. Why is Craig Venter famous?

18. What are genes? What percent of the genome consists of genes?

19. How was the human genome project funded?

20. Who started the Human Genome Project?

21. Describe the change in Celera's stock price before, during and after the completion of the human genome project.

22. What applications can arise from information gleaned from the human genome project?

23. Why did creating digital images of the Unicorn Tapestries pose a problem for computer scientists and art restorationists?

24. What causes Lesch Nyhan disease?

25. What are the symptoms of Lesch Nyhan disease?

26. How common is Lesch Nyhan disease?

27. Did you like this book? Why or why not?

28. What did you learn about the scientific process from reading this book?