

Human Vaccines and Their Importance to Public Health

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ENG 203: Writing for the Sciences CCNY

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September 21, 2020

Abstract

Vaccines have long been in debate about their effectiveness and risks. Now that COVID-19 is still an issue, many people are hesitant about taking the vaccine that is being made because it was simply produced, “too quickly”. The article, on the contrary, recommends that vaccines can be produced at such a pace in order to save humanity from pandemics. This article provides you with the insight of vaccines about why and how they should be scientifically advanced further in shorter periods of time. Through the author's information, data, and language it is made clear why vaccines are not anymore harmful than the diseases they try to prevent.

Vaccines and Public Health

Vaccines are vital to human health and life expectancy. Many people doubt the effectiveness of vaccines to prevent dangerous or fatal illnesses. The article “Human Vaccines and Their Importance to Public Health” by Anne Schuchat, is a very informative article explaining the history, progress, and impact of vaccines with public health. This article effectively delivers this information by applying rhetorical elements such as genre, medium, language, stance, audience, purpose, and arrangement.

The genre of the article is conveyed in a short report style as the article is informative on the scientific research of vaccines. The author uses information and statistics to explain the advancement of vaccines and their importance to human health. Schuchat elaborates in her article that vaccines save lives and prevent disease and disability, but they also represent good value among health interventions. Most of the older vaccines have demonstrated their cost-saving benefits. Newer vaccines are systematically reviewed for their cost-effectiveness before routine recommendations are issued by the ACIP [7]” (125). The arrangement that Schuchat decided on is evidently very effective on making the reader comprehend how vaccines have developed and what they can be. The article begins with an Introduction, Historical background, multiple bodies of information, visual element, and a conclusion. Schuchat provides the reader with a graph in the middle of the text to demonstrate the effect of vaccines and the different strains. This graph demonstrates to the reader the different strains of viruses that

vaccines have been made for. This graph ensures the truth factor of the article is received by the reader and allows for the information given by the author to be trusted. The author sets up the article in a way that informs you through facts about vaccines and their progress starting from history, to educate the reader towards how vaccines can be better.

The author makes it evident that vaccines have indeed improved and advanced throughout the years through science. The author utilizes scientific language as well as facts from data to further prove their claims for vaccines. It can be difficult to read an article full of scientific words never seen before, but the author uses language that appeals to people that are not too familiar with scientific language. The writer explains complex ideas about vaccines in a simpler way in order to ease the reader into this immense topic. In doing this, the article inhibits the possibility of confusion for the reader. This article limits confusion by defining unfamiliar terms such as the GAVI Alliance which is explained to the reader as formerly being known as the Global Alliance for Vaccines and Immunization (Schuchat 2) The audience may also be more generalized since this piece is informational and aims to elaborate on the process and purpose of gene therapy. The text can also be aiming at potential employees that could be interested in working on this research.

The stance the author provides is that vaccines are vital to public health and can be more advanced through science to get the full benefits. The article states that while a lot has been achieved through use of human vaccines, the potential for further impact is substantial. Scientific advances can be applied to hasten production and simplify delivery of vaccines, but social and political commitment to immunization programs must be sustained to reap the full benefits of these tremendous medical discoveries.” (Schuchat, 2011 pg. 125). The author does effectively convey their standpoint on the topic of vaccines and how they can be advanced through their use of ethos.

The purpose the author has for writing this article is to explain the history, progress, and importance of these vaccines. The article is written in an informative approach. However, the purpose of the article is to educate readers about vaccines and its benefits to public health.

Schchat goes on to say in her article that the health and economic impact of vaccines save lives and prevent disease and disability, but they also represent good value among health interventions. The authors' exigence for writing the article was the lack of advancement in the production of vaccines. "International Workshop on Alternative Methods to Reduce, Refine, and Replace the Use of Animals in Vaccine Potency and Safety Testing: State of the Science and Future Directions". The author has a sophisticated and educated tone throughout the article in order to remain to the point, and to inform the reader as much as possible Purpose To be clear and concise.

The author provides the time and place to give context as to why she wrote the piece. The author's setting of the article is at a workshop on vaccines in Bethesda, Maryland, USA on the 14th -16th of September 2010. Bethesda, Maryland, USA, 14-16 September 2010" (1). The author includes the setting to give context and to add to the exigence of the article. By providing this information, the author allows us light into the time period in which events may trigger the creation of the article. In this instance, the workshop commenced, therefore the article was made to be added into that.

Vaccines can only scientifically improve throughout the course of time and technological advancement. These vaccines are vital to human health and life expectancy. Many people doubt the effectiveness of vaccines to prevent dangerous or fatal illnesses. The article “Human Vaccines and Their Importance to Public Health” by Anne Schuchat, is a very informative article explaining the history, progress, and impact of vaccines with public health. This article does effectively deliver the information by applying rhetorical elements such as genre, medium, language, stance, audience, purpose, and arrangement.

References

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