**Annotated Bibliography**

\*This annotated bibliography was created in conjunction with a project in which this author was researching the effects that technology has on culture after close-reading the film Wall-E, in which the over-reliance on technology has become detrimental to society.

“Amish and Technology.” *Lancaster Country*. N.d. n.p. Web. 26 Mar 2013.

The Amish community is a good example of why technology can be bad for our future and also shows that there really is a phobia of technology. The Amish, as we all know, do not use much technology, if any at all. According to this article, the Amish adapt to the new technologies that are being produced in a way that still works within their beliefs. For example, the use of telephones is not forbidden, it is the ownership of phones that is not allowed within the Amish community. This article also describes how the Amish think that technology should be used for social purpose and to connect with other parts of the world, not for home intrusion. The Amish beliefs will help with my paper in a way that will help prove my argument on technology and how it is making us lazy. *Wall-e* and the Amish relate in a way because the film shows exactly why the Amish avoid technology.

Barakat, Nael. "Balanced Integration Of Theory And Applications In Teaching Robotics." *International Journal Of Mechanical Engineering Education* 39.3 (2011): 195-206. *Academic Search Premier.* Web. 21 Mar. 2013.

This paper describes the new uses for robotics and technology. According to this paper, almost all engineering schools are using some form of robotics in the classroom. Robotics has a lot to do with the improvements of technology. Engineering schools really focus on creativity and robotics is a great way for students to show their creativity and also produce a robotic machine that could eventually be used daily in our future. With the improvements of technology, robotics is becoming more common and our future could become robotic.

I will be able to use this source in a way that will relate back to the movie

*Wall-e. Wall-e* himself is a robot and the society that the humans live in is run by robotics. This article will help show how robots and technology can take over just like they did in the film.

Bers, Marina Umaschi. "Beyond Computer Literacy: Supporting Youth's Positive Development Through Technology." *New Directions For Youth Development* 2010.128 (2010): 13-23. *Academic Search Premier.* Web. 25 Mar. 2013.

When people think of children and technology, they think of them as constantly being attached to some type of device and the children not interacting with others. This article describes the positive effects technology has on children. This author says that if children learn the importance of technology at a younger age, they will be ahead in their future and be more successful. The Positive Technological Development (PTD) is the main idea of this article and it is influencing our world of education. This article will also help with my counter argument of technology being a negative source on our future society.

Broshan, Mark. *Technophobia*. New York: Routledge, 1998. Print.

The book *Technophobia* explains what technophobia is and how people are effected differently by it. This is a phobia where people resist talking about anything that has to do with computers. They are often hostile or have aggression towards computers. Recently, it has been described more as an anxiety about what computers and technology are going to do to our future and our society. The various reactions that people have from this phobia can be based on purely on gender. The studies have shown that 1/3 of our population has technophobia. They are afraid of what technology is going to do to our future.

Even though my paper is not about technophobia and the fears of technology, this source will be useful to explain that there are people out there who think our society could turn into the society like the one in *Wall-e*. This will help with my argument that technology has the ability to take over and there really is a phenomenon for this idea.

Calvert, Sandra, Amy Jordan, and Rodney Cocking. *Children in the Digital Age.* Westport: Praeger Publishers, 2002. Print.

Children these days are getting more exposed to computers and technology more than any generation has before. The editors of this book explain the statistics about the number of children who have access to the Internet, video games, and many other technological devices that our parents had never even heard of when they were children. This book discusses the positives and negatives of how children are being affected by all of the digital technology they have at the tip of their fingers.

This book will be one of the sources that I think I will refer to the most because the effect technology has on children today will determine the outcome of our society in the future. I will be able to use the many statistics that this book provides, and it will also help my argument about how technology can ruin our future and also counter arguments. There are also tables and pictures in the book that help represent the statistics of children using technology.

Duun, Jeff. “20 Surprising Stats About Technology Use in College.” *Eduemic.* 21 My 2012. N.p. 26 Mar 2013.

This source provides a number of statistics shown in one large chart. Each of the statistics deals with college students and how technology has changed the lives of these students. On a 500 sample, Dunn says that 73% of students say they can’t study or do their homework without technology. 70% of college students use a laptop or some form of a keyboard to take notes. Hardly anything is written with pen and paper anymore. Also, Dunn’s study showed that 91% of students use email to communicate with their professors. College students spent 13 billion dollars in 2009 on electronics alone.

These numbers and information will give my audience an idea of where technology is taking us. College students are the number one users of technology and it is going to continue to grow. This will help with my argument as well and give some numbers on how much technology is taking over, even in high schools and colleges.

Engber, Daniel. “Fat-e.” *Slate*. 10 July 2008. The Slate Group. Web. 26 Mar 2013.

In Engber’s article about the film *Wall-e,* he argues that the impression that the film gives off is wrong. The film tell us that if we do not change, we will be the ones floating around in chairs, eating “cupcakes-in-a-cup,” and having robots do everything for us. But Engber argues that even though technology has made our lives easier and people are less active because of it, there is only so much we can do about the obesity issue. Obesity is mostly genetic and there is nothing we can do to change our genes. There are links between obesity and environmental collapse. Overweight people cause airlines over 1 billion gallons in gasoline per year. This is hurting our environment because we cannot afford to use extra fuel; we are limited to the amount we have and once it is gone, it is gone.

The environment issues related to technology are the main point that is trying to be made in the film. This article will help prove my argument and also my counter argument. I agree with the author in the sense that genes have a lot to do with the weight and make up of a person, but I also think that the technology we have today is making us lazier.

Grohol, John M. “Why Reliance on Technology is a Bad Thing.” *Psych Central.* 10 June 2009. N.p. Web. 21 Mar 2013.

Technology is great in many aspects, but here, Grohol explains why it can be bad and shows some of the huge negative factors of technology. He agrees that all of the technology improvements are great and we have come a long way since the 1900’s. He says that back then, daily lives were more difficult but they were less stressful in a way because the people didn’t have to worry about if their system crashes, their life is over. But, just like any other great thing, technology also has some downsides. Grohol explains how everything will eventually be done and saved into a computer and nothing will be written on paper. What happens if there is a major power outage and everything is gone and there isn’t a way of getting it back? That is the question Grohol asks and this is him main point of why technology reliance is a bad thing.

In Wall-e, they don’t ever show any type of major issue with the technology that they have, but this article will be helpful to show what could happen. This will give me good information about the argument I am trying to make on how technology is making us lazy and it is not going to save our future. It also makes a few good points about the past and how life has changed so much because of the advancement in technology.

Lévy, Pierre. *Cyberculture.* Minneapolis: University of Minnesota Press, 2001. Print.

The cyberculture that exists today has grown since the rise of technology. Pierre explains when and how technology began and how it took off and also explains what cyberculture is. There are many issues stated in this book about how technology can have a transforming effect on the global society. He also explains when technology first began and the utopian movement that took place when computers where being sold to individuals and not just being used in factories where they users where always being watched and trained.

*Cyberulture* will be useful for me because I will be able to use the information about the history of technology. I think it will be helpful for the audience of my paper to see where technology first began and how it developed into what we have today. Also, since this book was published in 2001, I will be able to talk about the predictions that the author made for the future and how accurate he was.

Lytle, Ryan. “Study: Emerging Technology has Positive Impact in Classroon.” *USNews*. 14 Jun 2011. U.S. News and World Report. Web. 26 Mar 2013.

In his article, Lytle discusses how the improvements in technology have positive impacts in the classrooms of all ages. He did a study based on Stacy Roshan, an AP Calculus teacher. She began to use more technology in her lesson plans after her students requested to have more time in class to work on problems. She began to use video recordings and iTunes to lecture and then they students would come to class to discuss what the lecture and work on problems together. In 2010-2011, Roshan used the video recordings and her students scored an average of 4.11 on the AP test compared to the year before where the average was a 3.59 when she used regular lecture in class.

Lytle’s study of Roshan’s class shows a positive aspect of technology. In Wall-e, technology is proven to be negative and make us lazy. This counter argument shows where technology will benefit society.

Marien, Michael. "The Future Issue: What's Next In Technology, Energy, Banking, Medicine, Offices, Education." *World Future Review* 3.4 (2011): 122-123. *Academic Search Premier.* Web. 21 Mar. 2013.

In this article, Marien explains what our future holds for us. He lists many examples of how technology is going to change in our world and how it will affect society. The first example Marien gives is about Microsoft Office 2022. Almost everyone uses Microsoft in one way or another on a daily basis, so this is going to be popular in the media with this new change when the time comes. With all of the technological advances, this new Microsoft will be able to do things such as immediate language translation and produce table holograms. This is just one of the twelve examples Merien gives about technology advancement for our future.

In my paper, I will be able to include the information from Marien’s article to help explain what technology is going to do for our future. In 10 years from now, we will be experiencing these changes, just like the people in *Wall-e* experiences changes with technology. *Wall-e* is an example of how technology advancements were a negative change in society because it made them lazy. This article will help with my point on how our future will be effected and if this will also be a negative change in our society.

Rattle, Robert. *Computing Our Way to Paradise?* Lanham: AltaMira Press, 2010. Print.

In this book, Rattle discusses how technology is effecting the environment. All types of technology are shaping our current lives and shaping our future. There are negatives and positives that the author discusses in this book about whether or not technologies will help us move towards environmental sustainability or push us even further away.

In *Wall-e,* the two main issues are the environment and how destroyed it became. Because the environment was no longer safe to live in, the humans went and live in space where technology and robots ran their lives. I will be able to use this book and relate it to *Wall-e* because it is one of the few sources I found that relates technology to the well being of our environment

Scott, A.O. “In a World Left Silent, One Heart Beeps.” *New York Times*. 27 June 2008. New York Times. Web. 25 Mar 2013.

This is a movie review from an author on the New York Times. In the review, the author gives a little bit of a summary of the movie and also tells us what the directors were trying to get across to the audience. At the end of the review, Scott says how the society in which the humans in Wall-e live in is what we are essentially, just in other words. We do not float around in chair and have robots waiting hand and foot on us, but we are like their society in way because even thought their habits are bad, their heart know what is right still. This will help in my paper because it talks about how our society and the society in the film are alike. This will help with my argument on the negatives of technology.

“Too Much Technology Breeds Health Problems in Teens.” *Herndon Patch*. 9 Aug 2011. N.p. Web. 21 Mar 2013.

The author here talks about the health risks that teens have if technology takes over their lives. A study was done where teens were observed in a 15 minute time frame and conclusions tell us that most teens could not stay focused on one thing for more than about 3 minutes before they were checking their phone for a text or to get on a social media website. Teens who are on their devices all the tie have a narcissist personality and tend to have more anxiety, depression, sleeping issues and other health problems that are causes by too much use of technology. Teens are becoming more antisocial.

Health problems related to technology is an issue and is also the main argument I am making in my paper. In Wall-e, the people become fat, lazy, and can barely walk because they have relied completely on technology for their everyday lives. I will be able to compare the statements in this article to the movie and how our society can become like that in Wall-e if there isn’t a halt to the amount of technology we use.

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Webster, Shannon. “What are the Positive and Negative Effects of Using Technology to Communicate?” *Chron*. N.d. Hearst Newspapers. Web. 25 Mar 2013.

Texting, emailing, messaging, and social media are some of the most commonly used technologies today. This article explains the positives and negatives of each of these and how it has changed over time. All of these limit people to interacting with one another face to face and has made confrontation less popular. People are more likely to say what they really feel over a text rather than in person anymore. Webster says that each of these can have an effect on a person’s mental health because they are not getting the social interaction that we as humans need. There are also some positives to each of these such as time and money is being saved by companies because of emailing, and instant messaging is a good way for employees and customers to get instant feedback. Just like anything else, technology has its ups and downs.

“2.12 Types of Impacts.” *United Nations Environment Programme.* N.d. n.p. Web. 25 Mar 2013.

This article talks about the health issues and environmental issues that come along with all of this great technology that our society keeps producing. Some examples of the health and safety issues are traffic accidents, communicable diseases, and exposure to hazardous chemicals. The environmental issues is what this article is more concerned with. The toxins and chemical contaminations released are harming the environment and habitats and natural environments are being harmed for uses of technology.

This will be useful to me because in Wall-e the environment was not taken care of and Earth was eventually evacuated. All of the humans lived the exact same lifestyle and relied on robots to serve them. I will be able to use the examples this article gave on how technology can harm the environment and procedures we need to do in order to keep our environment safe.