

Proposed Horizon Topics

Udated: 9/24/2008

Name	Proposed Topic	Thesis/Hypothesis	Mentor
Alshareef, Ahmed	Space exploration and colonization	Why do we risk our lives for it and is it possible?	Dr. Roof
Borucki, Rob	The phonics of guitar	The peripherals of acoustic and electric guitars, the type of guitar itself, and the manner in which the guitar is played influence musical genres.	Mr. Stokes
Brown, Caleb	Influence of the British invasion on music	Throughout the 1960s and early 1970s a musical wave crashed on the US. This wave of music was known as the British invasion. This period of music saw the creation of rock and some of the greatest bands including the Beattles, The Who, and the Rolling Stones. These bands helped shape modern music. What benefits and deficits did the British invasion bring to the US?	Mr. Stokes
Brown, Jerard	Stereotypes in the media	The media and television promote negative stereotypes in America and are responsible for much of the racism and prejudice that still exists in America today.	Ms. Tate
Cherney, Andrew	The need for change in the Electoral College	Conceived as a democratic institution, the Electoral College was intended to operate efficiently and legitimately, but needs to undergo changes in order to rebuild American voter confidence and resolve mechanical flaws due to election fiascos which have occurred in past elections.	Mr. Eberlin
Cheslak, Melanie	Alternatives to Animal experimentation/testing	With the knowledge and research of today, vivisection is unnecessary for any animal experimentation because new programs have been made to minimize suffering and distress, lower the number of animals tested, and eventually cease the use of living animals.	Ms. Tate
Davis, Christine	The development of African American spirituals in traditional Gospel music	While the African American gospel is a direct derivative of the African American spiritual and has many similarities, African American gospels have distinct differences in timbre, text, rhythm and harmony.	Dr. Roof
Dubard, Mekeda	Birth Order Theory	According to research analysis, middle children have been proven to be more sociable, independent, and withdrawn at times in contrast to being motivated and assertive like older siblings or spoiled and risk-taking like younger siblings.	Ms. Johnston
Fisher, Erin	The effects on a child's birth, development, and lifestyle whose mother uses or used drugs during the pregnancy.	Children whose mothers used drugs, including alcohol, marijuana, and cocaine during pregnancy have an increased chance of being born prematurely, are born with physical and mental problems, and normally grown up in an unsafe environment. **Will specifically look at medical and early intervention & will compare long term outcomes for children who receive treatment and those who do not.	Ms. Belka
Jensen, Elizabeth	Preservation techniques of painted archeological artifacts	The technology does not yet exist to preserve large painted artifacts, such as Egyptian tombs and the terra-cotta Warrior, in their discovered state outside of their natural environment	Ms. Boozer
Junis, Zachary	Advancements in Surgical Technology	Recent and future advancements in surgery have brought and will bring new improvements to the field such as minimizing invasiveness of surgery and allowing for better control during surgery.	Ms. Belka
Kelly, Katherine	Corruption within the FDA and effect on the public	Bribery and ruthless lobbying tactics by multi-billion dollar pharmaceutical and food industries has in turn led to corruption within the FDA and thus the allowance of dangerous and harmful drugs, food, and information.	Ms. Boozer
Lawrence, Maggie	Blood diamonds	Causing millions of injuries and deaths a year, conflict diamonds must be limited in trade by boycotting blood diamonds and using Amnesty International to help the victims and spread	Dr. Roof

		the message.	
Lott, Emily	Effective therapies for schizophrenics.	**No new thesis submitted.**	Ms. Belka
Lourie, Rachel	US Lessons about genocide from WWII	**Thesis not submitted, but the paper will look at the lessons that the US learned from the genocide during WWII and examine how they influence policy about genocide today. She will argue that the US is actually getting worse in the response to genocide (i.e. Darfur).**	Ms. Rabin
McAmis, Savannah	Damage of Joseph Stalin	Regardless of positive results of the collectivization of agriculture in Russia, Joseph Stalin did more damage than good in the liquidation of the Kulak class through deportation, special settlements, and manmade famine.	Dr. Baumann
Padget, Emily	American influence on the Taliban.	From the Soviet invasion of 1978 to today, American foreign policy in Afghanistan has resulted in numerous failures that have led directly to the rebirth of the Taliban, the current decentralized and factious government and the economic instability that prevent Afghanistan from becoming the politically dependent and developed state that the American government has supposedly sought.	Dr. Baumann
Shuler, Darby	Comparison of treatment of Japanese Americans before WWII to Arab Americans after 9/11	Despite the development of the US's culture to a position of considerable open-mindedness, Arab Americas post 9/11 have faced problems such as racial profiling, racial stereotyping, and issues in the legal and business world similar to that of the Japanese Americans during WWII.	Dr. Baumann
Shuman, Craig	Alternative fuel sources for automobiles	Gasoline-powered automobiles will soon be a thing of the past with new fuel sources being discovered such as hydrogen fuel cells, solar cells, electricity, biodiesel, natural gas, propane, and others.	Ms. Johnston
Simpson, Sara	Title Nine and how it is effecting classroom and school sports today	<i>Title Nine</i> (the clause in schools that requires equality of sexes) was issued in the 1970s, but is still affecting classrooms and school sports today. **She originally was looking at the negative side, but is changing to the positive aspects of <i>Title Nine</i> .**	Ms. Tate
Spell, Bradley	Car design and the 70s gas crisis	The "1973 Oil Crisis" was the direct factor in design and fuel changes put into implementation by world automakers such as Volkswagen, GM, Honda, and Lancia to improve gas mileage through the modern day and can be compared to the design and fuel changes currently being implemented by the same world automakers due to the "2003 Oil Crisis".	Mr. Stokes
Tafel, Nicklos	Influence of the guitar in rock music.	**No new thesis submitted yet. He wants to focus on how the guitar, and changes to the guitar, have influenced rock music.**	Mr. Eberlin
Theus, Greer	Changing role of British women in WWII	The experiences of British women during World War II in the word force, military, and home, and the reintroduction of discrimination, inequity, and limited opportunities after the war directly influenced the feminist movements in the late 20 th century Britain.	Ms. Rabin
Winslow, Elizabeth	Filicide: Women who kill their children	Analyzing the backgrounds, personality traits, and risk factors of women who commit filicide can prevent future occurrences.	Ms. Johnston