



## Working Papers – 2005

### March 2005 **The Chimuspanic World**

Very often we think of global struggles as nation against nation, or region against region, or religion against religion. But there is now a three-way contention for the detraction of power from the U.S. and Europe, and it is a blend of each of the three: a country – China, a religion – Muslim, and a region – Latin America. These three vast elements, increasingly in combination, form the *Chimuspanic* world, and this is a challenge that, taken together, is more potent than any of the three individually. While China is significant by itself, it is expanding into Latin America. Latin America is overtaking the U.S. and Europe in agricultural exports. The Hispanic population is growing rapidly within the U.S. Southern hemispheric blocs are being created independent of the developed North. Islam is gaining traction not only in the U.S., but seems to be replacing communism throughout much of Europe. French, English, Canadian and American Muslims are reshaping their beliefs by combining East and West. France's population is beginning to pick up again as a result of births that are majority Muslim, much as in Holland. One of the most significant aspects of the Chimuspanic world is the rise of the importance of the Chinese, Hispanic and Muslim underclass and poor.

### June 2005 **From Mankind to Mindkind**

As a result of the growing understanding of the mind, the lines between man and animal, and natural vs. artificial intelligence, are blurring. There is a movement of intelligence out of the human realm exclusively. To entertain or caretake or employ *humans* requires a very different set of materials and energy than the entertainment, caretaking and employment of the *mind*. And since the mind can increasingly be anywhere, and in anything, it is fascinating to look at what the related resource applications of the future might be. Churches, museums, universities and the like are moving into the commercial space, even as businesses move into the cultural space. The mind will no longer make profound distinctions between cultural and commercial. Art and all the resources that go into art forms – visual, audio, kinesthetic – will be in much greater demand as a result. This will mean everything from site design to product design to the productions that take place on site, to the marketing messages that must increasingly attach to bored or synthetic minds. As animal minds are compared more with human minds, marketing messages will begin to target pets directly. Virtual reality is gaining strength, and the material resources that go into real-world entertainment and employment will be rivaled by the creative input and output of virtual endeavors. Instead of hiring whole people to do work, employers can hire minds, wherever and whatever they may be. The major battles of

the future, whether they be political campaigns, religious evangelicism or marketing wars, will be for minds and not bodies. Women, animals, plants, children, thinking machines and people located in remote places will take a more prominent position as what is considered humanity evolves from mankind to mindkind.

#### June 2005 **The Expanding Mortality Horizon**

The mortality horizon is our term for the length of time in one's life which extends from the adult age during which 10% of one's still-living cohort begins to die off to the point when the last 10% of the cohort will die off. The mortality horizon has expanded greatly during the 20<sup>th</sup> century, as the global average life expectancy from birth rose from 51 years to 69 years. According to the UN, by 2050 another 10 years will be added. It is projected that 1 in 9 U.S. Baby Boomers will live to be 100 years old. What this means in most of the industrialized world, with the exception of Russia, is that the mortality horizon at the dawn of the 21<sup>st</sup> century extends from about age 50 to about age 100. We have gone from a time when much of life was coming to a close as we passed the age of 50 to a time when we will spend half a century not knowing how soon we will die or how long we will live. Living with that uncertainty will change all of our institutions, ideas of risk, lifetime financial concerns, linear career patterns, psychological self-assessments, law, continuing education, employment patterns, life styles, and relationships.

#### June 2005 **A Distant Mirror – The New Slave Society**

The word robot describes entities that do more and more of our manual labor, perform domestic duties, fight wars, clean up messes – all with no say or control over what they do and when they do it. They get no pay, and they can be terminated at any time. Another name for such entities is slaves. What will it mean as our economies become increasingly based on robotic slave labor?

#### September 2005 **Othersourcing**

There has been much attention paid to – and political furor about – outsourcing and offshoring, the movement of jobs to places with lower labor costs. The real underlying issue, however, is *othersourcing*, the increasing ability to have work done by non-humans. Software programs and robots will increasingly assumed prominence in higher and higher level brain work as well as physical labor.

#### December 2005 **The Transformation of Crime in the 21<sup>st</sup> Century**

Advances in both information technology and biotechnology, along with expanding globalization and political shifts, are fostering changes

in the types of crimes that are committed, the scope of those crimes, and the methods used. Identity and data theft are rampant. Individuals will soon be at greater risk of having their genetic and medical records stolen. Virtual possessions of online populations are being stolen. In China and Indonesia, sweatshop teams send software "bots" on virtual crime sprees. Libel and slander proliferate online. Hate crimes continue to broaden in scope globally. Intellectual property rights are flouted. Global criminal operations are in constant motion across borders, and there are greater opportunities for corruption, bribery and money laundering. Kidnapping is on the rise. Among the new crimes: stealing thoughts and ideas out of people's brains using neuroimaging, ecological and energy trespasses enforced by "green police," custom drug dealing that caters to unique individual desires, increased trafficking in body parts, offspring intruding on the lives of those that anonymously donated eggs or sperm.

December 2005 **The New Linguistic Centrifuge**

Languages are morphing, and our reliance on technology has created a new language based on text messaging and instant messenger. The Contemporary English Version of the Bible has been translated into the abbreviated language of cell phone text messages. Examples include, "In da beginning God cre8d da heaven & da earth." Rap and gangsta lyrics are widespread globally. Protests using ringtones began in the Philippines, and have now begun to appear elsewhere. Hinglish (Indian English) and Spanglish (Hispanic English) are among the many Englishes appearing globally. New technology is making translation across languages easier.