



KELLEY
SCHOOL OF BUSINESS
Institute for International Business



CIBER Focus Interview Series

Video Annotation

Financial Technology, Diversity, and Sub-Saharan Africa

Link: https://www.youtube.com/watch?v=0g_-2YxZGPU

Length: 11:41

Production Date/Year: January 16, 2019

Keyword Topics: Technology, Diversity, Race, Africa, Sub-Saharan Africa

Guest Info: Dr. Sandra K. Johnson

Dr. Sandra K. Johnson is the Founder, CEO & CTO of Global Mobile Finance, Inc., a fintech startup company based in Research Triangle Park, North Carolina. She is also the Founder & CEO of SKJ Visioneering, LLC, a technology consulting company. In her previous work, she was the Chief Technology Officer of IBM Central, East and West Africa, based in Nairobi, Kenya. She possesses Bachelor's, Master's, and Doctorate degrees in Electrical Engineering. Along with authoring over 80 publications, Dr. Johnson has received numerous technical and professional awards, as well as over 40 patents issued and pending.

Video Summary/Synopsis:

1:35 - Dr. Johnson explains what Global Mobile Finance is while sharing some of the goals and products of the company.

2:04 - Dr. Johnson shares some of the biggest challenges that come with building a start-up that focuses on such complex issues.

4:00 - Dr. Johnson talks more about the role that blockchain technology will play with G-Remit and Global Mobile Finance and how this technology is changing the world of business.

6:24 - Dr. Johnson explains some of her more promising developments regarding technology that are going on in sub-saharan Africa.

9:00 - Dr. Johnson explains why the issue of underrepresentation of women/POC in STEM is an issue worth addressing while sharing ideas for how to reduce the gaps presently seen.

Standards:

7th Grade Social Studies

- **7.1.11**
 - Explain the reasons for European colonization of Africa, Asia, and the Southwest Pacific and analyze the long and short term impact that colonization and imperialism had on the social, political, and economic development of these societies from both European and indigenous perspectives.
- **7.1.15**
 - Create and compare timelines that identify major people and events and developments in the history of civilization and/or countries of Africa, Asia and the Southwest Pacific.
- **7.3.7**
 - Describe the limitations that climate and land forms place on land or people in regions of Africa, Asia and the Southwest Pacific.
- **7.3.8**
 - Identify current trends and patterns of rural and urban population distribution in selected countries of Africa, Asia and the Southwest Pacific and analyze the causes for these patterns.
- **7.4.3**
 - Trace the development and change over time of the economic systems (traditional, command, market and mixed) of various cultures, societies or nations in Africa, Asia and the Southwest Pacific. and analyze why these changes occurred over time.

Ethnic Studies

- **ES.1.2**
 - Students identify and analyze their social, ethnic, racial, and cultural identities and examine societal perceptions and behaviors related to their own identities.
- **ES.1.3**

- Students evaluate how society's responses to different social identities lead to access and/or barriers for ethnic and racial groups in relation to various societal institutions, including but not limited to education, healthcare, government, and industry.
- **ES.2.3**
 - Students compare and contrast how circumstances of ethnic/racial groups affected their treatment and experiences (indigenous, voluntary, forcible) as a response to the dominant culture of the time.
- **ES.3.1**
 - Students identify and explore current traditions, rites, and norms of an ethnic or racial group(s) and how they have or are changing over time.
- **ES.3.2**
 - Students assess how social policies and economic forces offer privilege or systematic oppressions for racial/ethnic groups related to accessing social, political, and economic opportunities.

Global Economics

- **GE-7.4**
 - Evaluate the impact of sociological, economic and technological changes on future careers

United States History

- **USH.2.1**
 - Explain the causes and consequences of the Industrial Revolution.

World History

- **WH.5.6**
 - Explain the causes and conditions of the Industrial Revolution in England, Europe, and the United States.
- **WH.5.7**
 - Examine the economic, social, and political changes caused by the Industrial Revolution and their impact on the development of political and economic theory.

Essential Questions:

- What challenges do start-up companies face today?
- How has technology advanced the ability to do business in the 21st century?
- What impact did technology and inventions of the industrial revolution have on the world?
- How can the STEM field work to be more inclusive to members of minority groups?

Depth of Knowledge

- Students will discuss the impact that new technological advances have had on business and international business in the 21st century.
- Students will examine the long effects and consequences of the Industrial Revolution on the world.
- Students will create a policy that may be used by STEM companies in regard to giving members of minority identity groups more access compared to in the past.

Additional Links & Related Information

- [Hiring Bias](#) - Video

- [10 Key Inventions of the Industrial Revolution](#) - Images and Explanations
- [Crash Course World History Industrial Revolution](#) - Video
- [Crash Course U.S. History Industrial Revolution](#) - Video