SPOTLIGHT: U.S. PRESIDENTIAL ELECTIONS 2012

1. “Unbreakable”
   The author, an engagement editor of *Mother Jones*, profiles U.S. Congressional candidate Tammy Duckworth, the first Thai-American who is running for U.S. Congress in 2012. The profile focuses on how her political opponent, Representative Joe Walsh, is aiming to belittle her service in the Iraq War as a Black Hawk helicopter pilot, which cost her both her legs, and how Duckworth's election would help U.S. Democrats gain a majority in Congress.

2. “Facebook: The Real Presidential Swing State”
   The author, *Technology Review*’s chief correspondent, explores the role of the online social networking Facebook in the 2012 U.S. presidential campaign, focusing on a peer-to-peer strategy using a Facebook mobile device application.

3. “The Tweeps on the Bus”
   The author, a staff writer of *The New Republic*, examines the sharp increase in the use of the microblogging service Twitter in the coverage of the 2012 election and examines the role of BuzzFeed, an aggregator website which provides an edited stream of viral Internet content, in the 2012 U.S. presidential election.

ASIA

4. “Pluralism, Performance, and Personalities: Political Change in Southeast Asia”
   The author, a former U.S. Deputy Assistant Secretary of State, discusses the changing political landscape in Southeast Asia. The region is facing common challenges presented by increasing
regionalism and globalization amid traditions of political diversity.

5. “Southeast Asia and Conflict Prevention. Is ASEAN Running Out of Steam?”
   How do we measure success of ASEAN? The author, a professor of the Department of Peace and Conflict Research, analyzes the effectiveness of the Association of Southeast Asian Nations (ASEAN) in the prevention of conflicts, focusing on the prospects of continued peace in Southeast Asia.

6. “A Regional Approach to WMD Nonproliferation in the Asia-Pacific”
   The author, an associate in the Nuclear Policy Program at the Carnegie Endowment, examines why the Asia-Pacific region epitomizes the type of proliferation challenges the international community faces; and offers measurements to curb the spread of WMD proliferation.

INTERNATIONAL TRADE AND GLOBAL ECONOMY

   The author, a professor of School of Social Sciences and Humanities at Murdoch University, examines proliferation of regional Free Trade Agreements (FTAs) in the Asia-Pacific and analyses the recent emergence of resource security concerns as a new FTA motive; the corresponding shifts in the FTA strategies and initiatives of Japan, Korea and China; and the dynamics of an emerging race for resource-related FTAs between the three governments.

   The author, a professor at the Department of Asian and International Studies, examines market building in Asia and the treatment of risk in the literature on the “political economy of reform,” and provides a detailed analysis of Social Risk Management at the World Bank and the Asian Development Bank over the last decade.

9. "Why So Many Financial Crises?"
   The author, a resident scholar at American Enterprise Institute, examines three major challenges the global economy is facing: US growth slowing to a near-zero rate, declining exports and a weakening economy in Europe, and sluggish Chinese growth and the current pattern of weak recoveries and rolling financial crises.

10. "Future of Dollar Hegemony"
    The author, a staff writer of *Harvard International Review*, discusses dollar hegemony and the impact of the Euro Crisis on the international balance of power between currencies and the suspected future balances of those currencies.

    How does party politics influence trade outcomes? The author, a professor at the University of Pennsylvania, examines the role of political parties in trade policymaking, and analyzes the trade
TECHNOLOGY AND ENVIRONMENT

12. “From Smart House to Networked Home”
What technologies are poised to move from niche toward the mainstream in the next 10 years?
How will these technologies change daily life activities? The authors discuss the future of networked home technology systems and forecast how these new capabilities could reshape family and home life in the next decade.

13. “Cleaning Up Coal: From Climate Culprit to Solution”
Richard K. Morse. Foreign Affairs, July/August 2012, 11 pages.
The author, Director of Research on Coal and Carbon Markets, Stanford University's Program on Energy and Sustainable Development, discusses methods of reducing carbon dioxide emissions from existing coal energy plants, especially in the developing world.

14. “Biodiversity & Environmental Sustainability amid Human Domination of Global Ecosystems”
David Tilman. Daedalus, Summer 2012, 13 pages.
The author, Regents professor in the Department of Ecology, Evolution, and Behavior at the University of Minnesota, examines the loss of Earth’s biological diversity and the increasing threats from agricultural land clearing, climate change, and pollution caused by globally accelerating demand for food and energy, and discusses its impact on the productivity, stability, and efficiency of terrestrial, freshwater, and marine ecosystems.

GLOBAL HEALTH

15. “Hidden Truth of Health”
Amos Zeeberg. Discover, July/August 2012, 4 pages.
The author, a Discover web editor, examines why and how the U.S. Food and Drug Administration can approve medications that later turn out to be dangerous or fatal, and offers a new computer program as a potential solution.

16. “Healthy Aging in the 22nd Century”
Marta M. Keane. The Futurist, September/October 2012, 3 pages.
What will the term elder mean in the future? And at what age will someone be considered an elder in 2100? The author explores the relationship between aging and health by the year 2100, and examines each component of health and its impacts on spirituality, intellectual health, and science.

JOURNALISM AND SOCIAL MEDIA

17. “Why Publishers Don't Like Apps”
The author, an editor in chief of Technology Review, discusses the future of media on mobile
devices and the challenges of adapting print newspapers and magazines to apps.

18. “Copywrong”  
Patricia Aufderheide. Columbia Journalism Review, July/August 2012, 2 pages.  
With the evolution of digital platforms and social media, the author, a professor at American University's School of Communication, discusses the necessity for journalists to understand fair use to avoid getting into trouble with the law.

19. “Listen and Learn”  
The author, a contributing writer, discusses TED (Technology/Entertainment/Design) conferences, which showcase research lectures, technology demonstrations, and idea sharing, and the success of the conferences that has led to "TED Talks," lecture videos posted online focusing on how TED has turned ideas into an industry.

EDUCATION

Achieving both greater efficiency and better outcomes through information technology requires a commitment to fundamental, unfettered thinking about the future both within and outside current institutions.

21. “America’s Best-Bang-For-The-Buck Colleges”  
The authors explore a cost-adjusted graduation rate measurement in assessing U.S. colleges based on predicting graduation rates and cost-effectiveness, focusing on colleges that effectively use their resources to educate students at a relatively low cost.

22. “Why Kids Should Grade Teachers”  
Amanda Ripley. The Atlantic, October 2012, 6 pages.  
The author, an Emerson Fellow at the New America Foundation, discusses the measurement of teacher performance, focusing on a survey that evaluates teaching quality by students.

23. “Against Reading Lists”  
The author, a professor in the departments of disability and human development, medical education, and English at the University of Illinois at Chicago, discusses why college professors should avoid developing course reading lists prior to the semester, and should allow required readings to be chosen by the teacher and students throughout the length of the course.

24. “Barriers to the Adoption of Online Learning Systems”  
The author, President of ITHAKA, discusses the barriers to the adoption of interactive online learning systems in the U.S. higher education community, citing the benefit for students of a massively open online course (MOOC), as well as its implications.