

Weekly Spotlight: Karyn Temple



“I think that particularly now, it is critical to address bias in AI. We have seen how important it is as a society to address bias at all levels in the past and it’s equally if not more important to ensure that we do not carry those biases into the future. Whether in the realm of finance, employment, or healthcare we must ensure that decisions are made without any bias influencing them either directly or as translated through the technology that we use. Potentially, in the legal field, we should ensure that we are not unreasonably narrowing applicant pools for legal positions with biased algorithms. As we are trying to progress and diversify the legal field, we do not want to regress by using technologies that unwittingly undermine progress towards ensuring a broad and diverse applicant pool.”

- Karyn Temple, Senior Executive Vice President and Global General Counsel, Motion Picture Association

Hot Topics in Business and Technology

- ❑ **Eric Schmidt:** The former Google CEO warned the public that China’s potential leadership in A.I. could lead to “high-tech authoritarianism” worldwide (9/1).
- ❑ **World Economic Forum:** Released an outline of how to use AI for good (9/1).
- ❑ **Deepfakes:** Deepfakes, or synthetic media in which someone’s visual image is replaced with another image, are rapidly developing with new AI technologies, causing increased psychological harm, political instability, and business disruption (8/27).

- ❑ Earlier this week, Microsoft launched a deepfake detector tool called Video Authenticator, adding to the available resources for deepfake detection (9/2).
- ❑ **Rolls Royce:** R2 Data Labs, the firm's data innovation business, claims to have made breakthroughs in AI ethics that will accelerate next gen industrialization (9/3).
- ❑ **Trevor Paglen:** WSJ interviews the visual artist about his upcoming exhibitions that explore AI and facial recognition (9/1).
- ❑ **Princeton:** Adji Bousso Dieng named computer science and AI professor at Princeton, the first Black and female professor at Princeton's School of Engineering (8/30).
- ❑ **Bloomberg Law:** Legal organizations are increasingly using AI for collaboration. Bloomberg highlights that lawyers must be informed on the limitations and should be trained to use tech in compliance with their ethical obligations. (8/27)
- ❑ **Jobvite:** Launched an AI Innovation Lab that enables talent acquisition teams to gain more insights from recruitment data to improve results and reduce bias (8/27).
- ❑ **Women Leaders in AI Award:** IBM released their 2020 honorees (8/27).
- ❑ **AI & TV News Analytics:** Stanford launched an AI-powered tv news analytics platform (8/27).
- ❑ **Appen:** Leader in training data for machine learning systems partnered with the World Economic Forum to design standards and best practices for responsible training data (8/31).
- ❑ **AI and Perfume:** IBM scientists, together with Symrise, created a system based on IBM Research AI for Product Composition that can help design new fragrances (8/31).
- ❑ **Dallas, Texas:** Local entrepreneurs talk emerging tech, overcoming challenges, how to increase diversity within your organization, and post-COVID activity (8/31).
- ❑ **Google:** Announced plans to launch new AI ethics services by year end (8/28).
- ❑ **Facebook Ads & Discrimination:** VentureBeat reported on a recent study from Carnegie Mellon indicating that Facebook's ad platform might discriminate against certain demographic groups (8/28).
- ❑ **AI Used to Fight Financial Crime:** Financial Institutions are turning to AI and other emerging technologies to prevent fraud (8/28).
- ❑ **Salesforce:** Recently open-sourced a new research project designed to improve both equality and productivity by using AI to create tax policies (8/28).

AI & Public Health

- ❑ **Fitness:** Amazon joined the fitness market by introducing Halo, which uses AI to track health and wellness metrics (8/27).
- ❑ **Breast Cancer Detection:** JAMA Oncology found that AI algorithms can be just as effective at diagnosing breast cancer as radiologists (8/27).
- ❑ **MedCityNews:** Advocates to include lawyers to mitigate AI bias in healthcare (8/31).
- ❑ **AI & Cyberattacks on Hospital CT Scanners:** A team at Israel's Ben-Gurion University is researching AI use in cyber defense for medical imaging devices (MIDs) (9/2).
- ❑ **AI & Heart Scans:** Queen Mary University of London and Barts Life Sciences CAP-AI programme, reported on research on using AI to improve cardiac MRI scans (9/3).

Government News

- ❑ **UNESCO:** Released a new publication on AI and Gender Equality (8/31).

- ❑ **Legislation:** Reps. Hurd (R-Texas) and Kelly (D-Ill.) plan to introduce legislation offering an AI strategy with a focus on ethics, national security, and the workforce (8/27).
- ❑ **DoC:** As it weighs possible export controls, the Commerce Dept requested insight to identify foundational technologies essential to U.S. national security (8/27).
- ❑ **Air Force:** DoD expressed concern that AI programs might have serious and unknown vulnerabilities that adversaries could exploit (9/1).
- ❑ **NIST:** Researchers drafted four principles on explainable AI (XAI) to help judge the clarity of AI decisions and requests comments through Oct. 15 (8/27).
- ❑ **BIS:** Released a report identifying controls for foundational technologies (8/27).

EqualAI in the News

- ❑ Quotes EqualAI in advising that employees creating AI need training and diversity.

AI Around the World

- ❑ **Argentina:** BBVA launched a gender-neutral chatbot called Blue. (8/31/20)
- ❑ **Australia:**
 - ❑ Women in AI (WAI) Australia announced their 2021 honorees (8/28).
 - ❑ A team from Queensland University of Technology created an algorithm which can identify misogynistic tweets through a keyword search (8/31).
 - ❑ Researchers at the University of Wollongong developed AI technology to enable existing closed circuit tv cameras to automatically identify and report suspicious or violent incidents on public transportation (8/31).
- ❑ **Bengaluru:** Edtech startup plans to utilize new funding to expand the scope of AI and data science education to a larger and more diverse group of candidates (8/28).
- ❑ **Canada:** Google announces inaugural Women Founders Accelerator Cohort, including 5 startups in Canada (9/1).
- ❑ **China:**
 - ❑ China's Ministry of Commerce announced new technology restrictions that may impede plans to sell Tik Tok operations in the US (8/28).
 - ❑ In a August 20 report, an Australian think tank moved to establish how the Chinese Communist Party (CCP) uses overseas "talent-recruitment" stations to gain access to technology through covert and nontransparent means (8/25).
 - ❑ CSET's Emily Weinstein assessed the types of technologies and key players behind China's use of AI in its COVID-19 response (August).
- ❑ **Germany:** Professors at the University of Munich emphasized the importance of including ethicists in the creation of AI-powered medical technologies (9/1).
- ❑ **Ghana:** Vodafone Ghana CEO spoke to youth on the importance of STEM and AI (8/27).
- ❑ **India:**
 - ❑ Controversy over Facebook Executive Ankhi Das's political stance, despite the company's long standing political neutrality (8/30).
 - ❑ Microsoft India's National Technology Officer spoke about the power of diversity and inclusion (8/27).

- ❑ AIMResearch published a comprehensive report highlighting 21 use cases in seven such sectors – law enforcement, public sector, environment, agriculture, education, energy and healthcare, where AI has been used extensively by the government (9/3).
- ❑ **Lithuania:** Oxylabs launched a new ML-powered adaptive parser for E-commerce as a new member joined their AI & ML Advisory Board (9/3).
- ❑ **Netherlands:** Universities in Amsterdam announced the opening of the Civic AI Lab (CAIL), a research effort to develop advanced AI that promotes economic and social human rights (9/2).
- ❑ **Romania:** Bucharest.AI, a public group of AI enthusiasts centered in Romania, launched a program for early-stage tech companies to develop their AI (9/1).
- ❑ **Saudi Arabia:** The head of the Saudi Data and Artificial Intelligence Authority, Dr. Abdullah bin Sharaf Al-Ghamdi, created an AI-focused program for Saudi youth and spoke about the dangers of big data (8/31).
- ❑ **South Korea:** Researchers at Seoul National University Bundang Hospital (SNUBH) developed an AI model to predict the risk of a cerebral aneurysm in patients (9/2).
- ❑ **Uganda:** Techcabal interviews Ugandan femtech company CHIL AI Group on building technology solutions for the health issues focused on African women (9/2).
- ❑ **United Kingdom:** Dr Raymond Moodley of De Montfort University published a study indicating that AI can be used to improve pupil attendance in schools (8/28).

Op-Eds: Top 3 Picks of the Week

- ❑ **Harvard Business Review:** Andrew Burt reflected on the complexities in contextualizing “AI fairness” in different use cases, and argued that existing legal standards provide a good baseline to combat unfairness in the AI platforms (8/28).
- ❑ **BuiltIn:** Adam Thomas, managing director of Approaching One, wrote about the dangers of getting trapped in the “magic box” of AI (9/2).
- ❑ **TechCrunch:** Sarah Drinkwater of the Omidyar Network wrote about why technology companies need to go beyond hiring in-house ethics officers (9/2).

Upcoming Events

- ❑ Women in AI Global Summit: September 8.
- ❑ AI in Healthcare Summit, ‘Business and Academia for Innovations in Healthcare,’ co-hosted by MIT CSAIL and STEMM Global: October 1-2.
- ❑ HAI Summit, ‘Triangulating Intelligence: Melding Neuroscience, Psychology, and AI,’ hosted by Stanford University: October 7.