Beste Filiz Yuksel

Assistant Professor

Computer Science

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Statement

I am a sixth year tenure-track Assistant Professor of Computer Science at the University of San Francisco, where I have created the Human-Computer Interaction teaching and research programs. I am the founder and director of the Human-Computer Interaction Lab where I have a high proportion of women and underrepresented minority undergraduate and graduate students as well as military veterans working in my lab. I have received the National Science Foundation CISE Research Infrastructure Award in 2017. My research has won a Best Paper Award (first author) and a Honorable Mention Award (as lead professor and conceiver of research) at ACM CHI which is the top publication venue in my field of Human-Computer Interaction.

I am the Faculty Advisor of the Women in Tech student organization and I was the founding faculty member of the Diversineers (Diverse Engineers) student organization at USF. During my time at USF I have raised over $1 million for Women in Tech and Military Veteran students in terms of tuition scholarships, research and teaching assistantships, academic conference scholarships, coding programs for middle and high school students, and Engineering's Summer Zero Program. This funding has benefitted students and faculty from multiple departments including undergraduate and graduate Computer Science, undergraduate Data Science, the MSDS program at the Data Science Institute and the new Engineering department. This has been especially valuable during the financial hardship that both the university and students are facing due to world events.

Professional Appointments

August 2016 - current
Tenure Track Assistant Professor in Computer Science, University of San Francisco.
Creating Human-Computer Interaction research and teaching programs focusing on adaptive, intelligent systems that respond in real-time to user cognitive and affective state and full body-tracking in virtual reality to affect social justice.

Jan 2012 – Spring 2016
Research Assistant in Computer Science, *Tufts University*, Medford, MA.
Research Topic: Adaptive, intelligent user interfaces that respond to user modeling using brain sensing and paradigms in social psychology.

June – August 2015
Research Intern, ***Microsoft Research***, Redmond, WA.
Research Topic: Engendering Trust between Humans and Embodied Agents (in conjunction with Microsoft Cortana product team)

June 2009 – Sept 2010
Research Assistant, ***University College London***, UK.
Research Topic: Brain-Computer Interfaces Using Physical and Virtual Objects

Academic Degrees

Jan 2012 – May 2016
PhD in Computer Science, *Tufts University*, Medford, MA.
Thesis Topic: Adaptive, intelligent brain-computer interfaces that respond to user's brain signals using machine learning techniques.
Advisor: **Rob Jacob**

Sept 2010 – Sept 2011 **MSc in Neuroscience***, *King's College, University of London*, UK.
Thesis: "Manual and Automated Methods of Dissection for Callosal Fibres"
Advisor: **Marco Catani**

Sept 2009 – Sept 2010 **MSc in Computer Graphics, Vision and Imaging***, *University College London, University of London*, UK.
Thesis: "Using a Hybrid BCI in the CAVE to Select and Move Objects"
Advisor: **Anthony Steed**

Sept 2008 – Sept 2009 **MSc in Computer Science***, *University College London, University of London*, UK.
Thesis: "A Novel Brain-Computer Interface Using a Multi-Touch Surface"
My research was published in ACM CHI 2010, the top publication venue in this field
Advisor: **Anthony Steed**

Select Refereed Conference Publications**

2021 [C.17] Kevin Beltran, Cody Rowland, Nicki Hashemi, Anh Nguyen, Lane Harrison, Sophie J. Engle, **Beste F. Yuksel**. Reducing Implicit Gender Bias Using a Virtual Workplace Environment. *Extended Abstracts of the 2021 CHI Conference on Human Factors in Computing* 2021.

2021 [C.16] Liang Wang, **Beste F. Yuksel**, David Guy Brizan. Spontaneous and Posed Smile Detection: Deep Learning, Traditional Machine Learning, and Human Performance. International Conference on Affective Computing and Intelligent Interaction (ICAII) 2021.

2020 [C.15] **Beste F. Yuksel**, Pooyan Fazli, Umang Mathur, Vaishali Bisht, Soo Jung Kim, Joshua Junhee Lee, Seung Jung Jin, Yue-Ting Siu, Joshua A Miele, Ilmi Yoon. Human-in-the-Loop Machine Learning to Increase Video Accessibility for Visually Impaired and Blind Users *ACM Designing Interactive Systems (DIS) 2020* 2020. [Acceptance rate: 24.0%]

2020 [C.14] **Beste F. Yuksel**, Pooyan Fazli, Umang Mathur, Vaishali Bisht, Soo Jung Kim, Joshua Junhee Lee, Seung Jung Jin, Yue-Ting Siu, Joshua A Miele, Ilmi Yoon. Increasing Video Accessibility for Visually Impaired Users with Human-in-the-Loop Machine Learning. *Extended Abstracts of the 2020 CHI Conference on Human Factors in Computing* 2020.

2019 [C.13] Sarah Lopez, Yi Yang, Kevin Beltran, Soo Jung Kim, Jennifer Cruz Hernandez, Chelsy Simran, Bingkun Yang, **Beste Filiz Yuksel**. Investigating Implicit Gender Bias and Embodiment of White Males in Virtual Reality with Full Body Visuomotor Synchrony *ACM Conference on Human Factors in Computing Systems (CHI) 2019* 2019.

[Acceptance rate: 23.8% (705/2958) **Honorable Mention Award (∼top 10%)**]

2018 [C.12] Helen Chen, Sophie Engle, Alark Joshi, Eric Ragan, **Beste Filiz Yuksel**, Lane Harrison. Using Animation to Alleviate Overdraw in Multiclass Scatterplot Matrices *ACM Conference on Human Factors in Computing Systems (CHI) 2018* 2018. [Acceptance rate: 25.7%]

2016 [C.11] **Beste Filiz Yuksel**, Kurt B. Oleson, Lane Harrison, Evan M Peck, Daniel Afergan, Remco Chang, Robert J K Jacob. Learn Piano with BACh: An Adaptive Learning Interface that Adjusts Task Difficulty Based on Brain State. *ACM Conference on Human Factors in Computing Systems (CHI) 2016*, 5372-5384, 2016.

[Acceptance rate: 23% (529/2325) **Best Paper Award: top 1%** (23/2325)]

* MSc degrees in the UK are 12 months in length.
** Unlike many academic fields, conferences such as CHI and UIST are highly selective venues with

2016 [C.10] Tomoki Shibata, Daniel Afergan, Danielle Kong, **Beste Filiz Yuksel**, Scott MacKenzie, Robert J K Jacob. DriftBoard: A Panning-Based Text Entry Technique for Ultra-Small Touchscreens. *ACM User Interface Software and Technology (UIST) 2016*, 575-582, 2016. [Acceptance rate: 20.6% (79/384)]

2015 [C.9] **Beste Filiz Yuksel**, Daniel Afergan, Evan M Peck, Garth Griffin, Lane Harrison, Nick W Chen, Remco Chang, Robert J K Jacob. BRAAHMS: A Novel Adaptive Musical Interface Based on Users' Cognitive State. *Proceedings of the International Conference on New Interfaces for Musical Expression (NIME) 2015*, 136-139, 2015. [Acceptance rate for 2014: 23% (26/113)]

2015 [C.8] **Beste Filiz Yuksel**, Daniel Afergan, Evan M Peck, Tomoki Shibata, Samuel Hincks, Jana M Kainerstorfer, Angelo Sassaroli, Sergio Fantini, Robert J K Jacob. Functional near-infrared spectroscopy for adaptive human-computer interfaces. *Proceedings of SPIE, Optical Tomography and Spectroscopy of Tissue XI*, 9319, 93190R-93190R-9, 2015.

2014 [C.7] Daniel Afergan, Tomoki Shibata, Samuel Hincks, Evan M Peck, **Beste Filiz Yuksel**, Remco Chang, Robert J K Jacob. Brain-Based Target Expansion. *ACM User Interface Software and Technology (UIST) 2014*, 583-593, 2014.

[Acceptance rate: 22% (74/333)] 

2014 [C.6] Tomoki Shibata, Evan M Peck, Dan Afergan, Samuel Hincks, **Beste Filiz Yuksel**, Robert J K Jacob. Building Implicit Interfaces for Wearable Computers with Physiological Inputs: Zero Shutter Camera and Phylter. *Extended Abstracts of the 2014 CHI Conference on Human Factors in Computing*. 2014.

2013 [C.5] Evan M Peck, **Beste Filiz Yuksel**, Alvitta Ottley, Robert J K Jacob, Remco Chang. Using fNIRS Brain Sensing to Evaluate Information Visualization Interfaces. *ACM Conference on Human Factors in Computing Systems (CHI) 2013*, 473-482, 2013. [Acceptance rate: 20% (392/1963)]

2012 [C.4] Evan M Peck, **Beste Filiz Yuksel**, Lane Harrison, Alvitta Ottley, Remco Chang. Towards a 3-Dimensional Model of Individual Cognitive Differences. *Proceedings of the 2012 BELIV Workshop: Beyond Time and Errors - Novel Evaluation Methods for Visualization, BELIV 2012*, 36–48, 2012.

2011 [C.3] **Beste Filiz Yuksel**, Michael Donnerer, James Tompkin, Anthony Steed. Novel P300 BCI Interfaces to Directly Select Physical and Virtual Objects. *Proceedings of the 5th International BCI Conference, 2011*, 288-291, 2011.

2011 [C.2] **Beste Filiz Yuksel** and Anthony Steed. Augmenting Gaze Control with a Brain-Computer Interface. *Proceedings of the 5th International BCI Conference, 2011*, 296-299, 2011.

2010 [C.1] **Beste Filiz Yuksel**, Michael Donnerer, James Tompkin, Anthony Steed. A Novel Brain-Computer Interface Using a Multi-Touch Surface. *ACM Conference on Human Factors in Computing Systems (CHI) 2010*, 855-858, 2010. [Acceptance Rate: 22% (296/1346)]

Refereed Journal Publications**

full-length paper archives. Such conference proceedings are viewed as important archival venues with contributions equal to, and sometimes better than, journal papers. For an analysis of the impact of ACM conference proceedings, see Conference Paper Selectivity and Impact by Jilin Chen and Joseph A. Konstan.

2017 [J.2] **Beste Filiz Yuksel**, Penny Collisson, Mary Czerwinski. Brains or Beauty: How to Engender Trust in User-Agent Interactions. *ACM Transactions on Internet Technologies. Special Edition: Affect and Interaction in Agent-based Systems and Social Media* 17 (1), 2:2-2:20, 2017

2011 [J.1] Joseph N Mak, Yael Arbel, J W Minett, Lynn M McCane **Beste Filiz Yuksel**, D Ryan, D Thompson, Luigi Bianchi, Deniz Erdogmus. Optimizing the P300-based brain–computer interface: current status, limitations and future directions. *Journal of Neural Engineering*, 8(2), 1-7, 2011.

Book Chapter Publications

2018 [B.2] **Beste Filiz Yuksel**, Kurt B. Oleson, Remco Chang, Robert J K Jacob. Detecting and Adapting to Users' Cognitive and Affective State to Develop Intelligent Musical Interfaces. In: *Human-Computer Interaction and Music*, (Ed) Simon Holland, Katie Wilkie, Tom Mudd, Marcelo Wanderley, Andrew McPherson. 163-177, Springer London, 2019.

2014 [B.1] Evan M Peck, Daniel Afergan, **Beste Filiz Yuksel**, Francine Lalooses, Robert J K Jacob. Using fNIRS to Measure Mental Workload in the Real World. In: *Advances in Physiological Computing*, (Ed) Stephen H. Fairclough and Kiel Gilleade, 117-139, Springer London, 2014.

Workshop Papers

2018 [W.2] Anton Nijholt, Robert J K Jacob, Marvin Andujar, **Beste Filiz Yuksel**, Grace Leslie. Brain-Computer Interfaces for Artistic Expression *Organizers' CHI 2018 Workshop, ACM CHI 2018 .*

2016 [W.1] **Beste Filiz Yuksel**, Kurt B. Oleson, Remco Chang, Robert J K Jacob. Position Paper: Measuring Users' Cognitive and Affective State to Develop Intelligent Musical Interfaces. *Proceedings of the 2016 HCI and Music Workshop, ACM CHI 2016 .*

Technical Reports and Other

2015 [O.2] **Beste Filiz Yuksel**, Daniel Afergan, Evan M Peck, Garth Griffin, Lane Harrison, Nick W Chen, Remco Chang, Robert J K Jacob. Implicit Brain-Computer Interaction Applied to a Novel Adaptive Musical Interface. TR-2015-01. Computer Science, Tufts University, 2015.

2015 [O.1] **Beste Filiz Yuksel**. Implicit Brain-Computer Interaction Applied to a Novel Adaptive Musical Interface. Refereed and Accepted Paper for Talk at Grace Hopper Celebration of Women in Computing, Human-Computer Interaction Track, 2015.

Publications In Submission

2021 [S.3] Kevin Beltran, Cody Rowland, Nicki Hashemi, Anh Nguyen, Lane Harrison, Sophie J. Engle, **Beste F. Yuksel**. Experiencing Death by 1000 Cuts: Reducing Implicit Gender Bias Using a Virtual Workplace Environment., *In Submission: International Journal of Human-Computer Interaction.*.

Teaching

Assistant Professor **HONC 390-02 "Virtual Reality, Empathy, and Implicit Biases"**, *Honors College, University of San Francisco, Spring 2020, Spring 2021 (first STEM faculty to teach in Honors College).*

Assistant Professor **CS 486/686 "Human-Computer Interaction: Affective Computing"**, *University of San Francisco, Spring 2017, Spring 2018, Spring 2019.*

Assistant Professor **CS 110 "Introduction to Computer Science I"**, *University of San Francisco, Fall 2018, Spring 2019, Fall 2019, Spring 2020, Fall 2020, Spring 2021*.

Assistant Professor **CS 107 "Computing, Mobile Apps, and the Web"**, *University of San Francisco, Fall 2016, Spring 2017, Fall 2017, Spring 2018*.

Assistant Professor **CS 686 "Masters Team Project"**, *University of San Francisco, Summer 2018 (first time this was taught to MSCS Bridge Students.*.

Assistant Professor **CS 490 "Senior Team Project"**, *University of San Francisco, Fall 2017 (I brought in several Twitter contacts as industry sponsors which no one had done before or since)*.

Co-Instructor **Graduate Class "Affective Interfaces"**, *Tufts University COMP 250-01, Fall 2015*.
Co-created, designed, and taught class with Prof Rob Jacob.

Advisor **Senior Undergraduate Thesis Advisor**, *Tufts University, Fall 2014 – Spring 2015.*.
Advisee awarded prestigious De Florez Prize in Human Engineering and highest honours for Thesis: "*An Adaptive fNIRS-based BCI for Learning Music on the Piano*".

Head Teaching Assistant /Grader **"Object Oriented Programming for GUIs"**, *Tufts University COMP 86*, Instructor: Rob Jacob, *Fall 2012*.
Designed and graded all homework assignments.

Head Teaching Assistant /Grader **"Data Structures"**, *Tufts University COMP 15*, Instructor: Ming Chow, *Summer 2012*.
Graded all homework and lab assignments; ran all lab sessions.

Head Teaching Assistant /Grader **"Programming Languages"**, *Tufts University COMP 105*, Instructor: Norman Ramsey, *Spring 2012*.
Graded all homework assignments and quizzes. This class is well-known for being challenging.

Funding[†]

2021 $4705 Jesuit Foundation Grant for research

2021 $300,000 for Women in Tech and Military Veterans by Craig Newmark Philanthropies

2020 $300,000 for Women in Tech by Craig Newmark Philanthropies

2020 $50,000 for Women in Tech over 3 years by Sarah Clatterbuck

2019 $230,000 for Women in Tech by Craig Newmark Philanthropies

2019 $10,000 for Women in Tech by Sarah Clatterbuck

2018 $100,000 for Women in Tech by Craig Newmark Philanthropies

2018 $10,000 for Women in Tech by Kudlick family

2018 $5,000 for Women in Tech by Sarah Clatterbuck

2017 NSF CISE Research Infrastructure (CRI) Award 1730705 $82,738.00 titled: 'CI-P: Toward Brain-Computer Interfaces that Adapt to User Cognitive State'

Awards and Honors

2019 Honorable Mention Award ACM CHI 2019 (lead professor and conceiver of research)

[†] All of the Women in Tech funds listed here have been donated since I became Faculty Advisor for Women in Tech and have been garnered through the relationships and trust I have built with private donors. For example, previous to my involvement with Craig Newmark, founder of Craigslist, he did not even know that there was a Computer Science department at USF. Dean Marcelo Camperi very kindly said that I had "cracked Craig."

2019 Research chosen to be presented at College of Arts and Sciences Dean's Reception

2017 NSF CISE Research Infrastructure (CRI) Award 1730705 $82,738.00 titled: 'CI-P: Toward Brain-Computer Interfaces that Adapt to User Cognitive State'

2016 Best Paper Award ACM CHI 2016 (first author)

2015 Awarded First Prize at Tufts Ignite (Grad student Competition across all Departments)

2015 Undergrad Advisee Awarded De Florez Prize in Human Engineering (1 student/year)

2015 Grace Hopper Scholarship (21% acceptance rate)

2015 CRA-W Early Career Mentoring Workshop Scholarship

2015 SPIE Travel Grant Award (PW15B, Yuksel 9319-26)

2014 Grace Hopper Scholarship (26% acceptance rate)

2010 Grant for MSc Neuroscience, King's College London

Professional Academic Service

Associate Chair for ACM CHI 2017 Program Committee

Co-organizer for ACM CHI 2018 Workshop Brain-Computer Interfaces for Artistic Expression

- ACM Conference on Human Factors in Computing Systems (CHI) 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021
- ACM Symposium on User Interface Software and Technology (CHI) 2016, 2017, 2018, 2019, 2020
- ACM Transactions on Computer-Human Interaction (TOCHI) 2014, 2015, 2016
- ACM Transactions on Computer Supported Cooperative Work (CSCW) 2015
- IEEE Computer 2015
- Int. Journal of Human-Computer Studies (IJHCS) 2015, 2016
- Int. Journal of Computer Assisted Radiology and Surgery (IJCARS) 2015
- Physiological Computing Systems (PhyCS) 2014

Professional Service for Diversity

- Brought in over $1 million in funding for Women in Tech and Military Veterans
- Co-led Virtual Pride for LGBTQ Caucus during COVID-19 in 2020
- Founding Faculty Member for Diversineers student organization in 2018
- Faculty Advisor for Women in Tech since 2017.
- Organized two hackathons (pre-COVID 2018, 2019) with Women in Tech and ACM Student Chapter with Prizes across several categories and guest speakers, panels, and workshops over 3 day weekend. Very high turnouts of women.
- Organized several field trips to Tech companies such as Twitter, VMWare, Unity with engineer panels. For example, two Latina Women in Tech students found a job and an internship from a field trip to Twitter where I was a guest speaker.
- Organize regular guest speakers for Women in Tech on both personal (e.g., Imposter Syndrome, Resilience) and professional development (e.g., Networking, Jobs and Internships, Salary Negotiation).
- Organize technical interview and technical resume workshops for Women in Tech.
- Organize annual meetings with Craig Newmark and all Women in Tech students he supports across multiple departments for fundraising.
- Support all the various categories of Women in Tech that Craig Newmark supports, including a lot of back end work with finances.
- Carry out a lot of social media work for Craig Newmark in order to retain and increase funds for Women in Tech and Military Veterans.
- Member of LGBTQ Caucus Board since 2016

- Accompanied 30+ female CS students to Grace Hopper 2017, 2018, 2019
- Accompanied LGBTQ students to Lesbians Who Tech San Francisco Summit 2016-2019
- Leading National Student Chapter of Lesbians Who Tech
- Founder and President of Graduate Women in CS Group - Tufts University
- Applied for funding for Women in CS from Diversity Fund Committee
- Given Technical Talks at All-Women's Colleges and at Grace Hopper
- Procured Funding to students to Lesbians Who Tech Conference 2016
- Served on Graduate Panel in oSTEM chapter (out in STEM)

University of San Francisco Committees

- Fellow of Annual Lane Center Fellowship 2020-21 (University level)
- LGBTQ Caucus Board since 2016 (University level committee)
- Served on Bias Education and Response Team (University level committee)
- Harney Redesign Committee since 2016 (College of Arts and Sciences level committee)
- Faculty Search Committee 2017 (department level committee)
- Introduction to Computer Science I Curriculum Committee (department level committee)
- Grace Hopper Departmental Scholarship Committee since 2017 (department level committee)

Invited Talks

2019 [T.17] **Beste Filiz Yuksel**. The Next Generation of Brain-Computer Interfaces and Virtual Reality. *Computer Science Department, San Francisco State University* San Francisco CA, April 2019.

2018 [T.16] **Beste Filiz Yuksel**. The Next Generation of Brain-Computer Interfaces: Responding Implicitly to Users' Cognitive State. *UC Berkeley EDLR Lab, Graduate School of Education* Berkeley CA, January 2018.

2017 [T.15] **Beste Filiz Yuksel**. Learn Piano with BACh: The Next Generation of Brain-Computer Interfaces: Responding Implicitly to Users' Cognitive State. *Twitter HQ* San Francisco CA, November 2017.

2017 [T.14] **Beste Filiz Yuksel**. The Next Generation of Brain-Computer Interfaces: Responding Implicitly to Users' Cognitive State and Affective States. *BiD, EECS, UC Berkeley* Berkeley CA, April 2017.

2015 [T.13] **Beste Filiz Yuksel**. Learn Piano with BACh: An Adaptive Learning Interface that Adjusts Task Difficulty based on Brain State. *CHI 2016* San Jose CA, November 2015.

2015 [T.12] **Beste Filiz Yuksel**. The Next Generation of Brain-Computer Interfaces: Responding Implicitly to Users' Cognitive State *University of San Francisco, Harvey Mudd College, Lawrence Berkeley National Lab* CA, February 2016.

2015 [T.11] **Beste Filiz Yuksel**. Learn Piano with BACh: Brain Automated Chorales. *Tufts Ignite, Tufts University* Medford MA, November 2015.

2015 [T.10] **Beste Filiz Yuksel**. Implicit Brain-Computer Interface Applied to a Novel Adaptive Musical Interface. *Grace Hopper Celebration of Women in Computing 2015, Human-Computer Interaction Track*, Houston TX, October 2015.

2015 [T.9] **Beste Filiz Yuksel**. How to Engender Trust with an Embodied Agent. *Microsoft Research Human-Computer Interaction Intern Talks*, Redmond WA, July 2015.

2015 [T.8] **Beste Filiz Yuksel**. Engendering Trust Between a Human and Embodied Agent. *Microsoft Product Team Six Intern Talks*, Bellevue WA, August 2015.

2015 [T.7] **Beste Filiz Yuksel**. Toward Adaptive Brain-Computer Interfaces. *Wellesley College*, Wellesley MA, April 2015.

2014 [T.6] **Beste Filiz Yuksel**. Implicit and Adaptive BCIs. *Smith College*, Northampton MA, October 2014.

2014 [T.5] **Beste Filiz Yuksel**, Lane Harrison, Tomoki Shibata. Human-Computer Interaction and Visualization Research. *Ipswich Middle School Tech Initiative*, Ipswich MA, June 2014.

2014 [T.4] **Beste Filiz Yuksel** and Robert JK Jacob. An Adaptive Musical Brain-Computer Interface (with demo). *Machine Fantasies, An Interdisciplinary Conference on Music and Technology*, Medford MA, April 2014.

2013 [T.3] **Beste Filiz Yuksel**. Toward Adaptive Brain Computer Interfaces For User Non-Specific Goals. *PhD Research Talk, Tufts University*, Medford MA. November 2013.

2011 [T.2] **Beste Filiz Yuksel**. Using a Hybrid BCI in the CAVE to Select and Move Objects. *University College London*, London, United Kingdom. September 2011.

2010 [T.1] **Beste Filiz Yuksel**. A Novel BCI Using a Multi-Touch Surface. *University of Lincoln*, Lincoln, United Kingdom. February 2010.

Selected Press

June 2021 **Meet Your Professor: Beste Yuksel. Part of a summer series on getting to know teachers at USF**
University of San Francisco News
https://www.usfca.edu/news/meet-beste-yuksel

June 2021 **Closing the Gender Gap in Tech**
University of San Francisco News
https://www.usfca.edu/news/closing-the-gender-gap-tech

June 2018 **BS in Computer Science.** University of San Francisco YouTube channel.
https://www.youtube.com/watch?v=z6mpfnjQC1Y

Jan 2018 **Yuksel's New HCI Lab Applying Machine-Learning to Tutoring, VR to Social Justice.** University of San Francisco News.
https://www.usfca.edu/news/yuksels-new-hci-lab-applying-machine-learning-tutoring-vr-social-justice

March 2016 **The Wintrust Business Lunch: Andrea Hanis, Beste Yuksel, Ian Sherr, and Jennifer Matsuzawa** WGN Radio 720 (7:30-13:30 minutes).
https://wgnradio.com/wintrust-business-lunch/the-wintrust-business-lunch-andrea-hanis-beste-yuksel-ian-sherr-and-jennifer-matsuzawa/

Feb 2016 **This Brain Reading Tool can Teach You a New Skill in No Time** Fast Company.
http://www.fastcompany.com/3056869/this-brain-reading-tool-can-teach-you-a-new-skill-in-no-time/

Feb 2016 **Mind Reading Tech Helps Beginners Quickly Learn to Play Bach** New Scientist.
https://www.newscientist.com/article/2076899-mind-reading-tech-helps-beginners-quickly-learn-to-play-bach/

Feb 2016 **Dutch title, translation: Through this Device, you can Quickly Learn to Play a Musical Instrument** Scientias.nl.
http://www.scientias.nl/door-dit-apparaat-kun-je-sneller-een-muziekinstrument-leren-spelen/

May 2014 **The Headband that Measures Boredom.** BBC.
www.bbc.com/news/world-us-canada-27578867

March 2014 **Headband could help brain communicate with computers.** Boston Globe.
www.bostonglobe.com/business/2014/03/03/headband-could-help-communicate-with-computers/90HC7YkJtl2iRNoKw0fnEJ/story.html

March 2014 **Warning: your brain is overheating.** The Times (London).
http://www.thetimes.co.uk/tto/science/article4023140.ece

March 2014 **New headband can detect when your brain is overloaded.** New York Post. http://nypost.com/2014/03/04/new-headband-can-detect-when-your-brain-is-in-overload/

Updated August 12, 2021