A proposed study to shift TheHorseCourse proven equine-assisted intervention
to a VR platform for large-scale reach

TheHorseCourse

BU Bournemouth University

Project Team

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THC Founder and CEO

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Dr Fred Charles
Deputy Head of Creative Technology Dept
Interdisciplinary Neuroscience Research Centre, Bournemouth University

Dr Roya Haratian
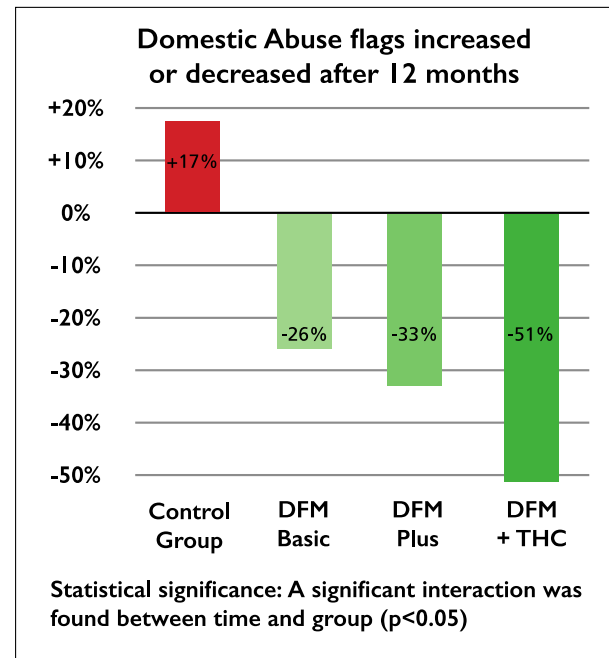Senior Lecturer Dept Applied Sciences, Bournemouth University

Ben Laurie
Principal Software Engineer, Google Research

THC for proven impact in action-based (vs. talk-based) interventions

Multidisciplinary Scientific Journal
an Open Access Journal by MDPI

RC PSYCH
ROYAL COLLEGE OF PSYCHIATRISTS

animals
an Open Access Journal by MDPI

See www.thehorsecourse.org/evidence
for links to all papers

Domestic Abuse flags increased or decreased after 12 months

Statistical significance: A significant interaction was found between time and group (p<0.05)

	Total in group	DV flag pre-	DV flag post-	Increase / Decrease	
Control	10569	720	839	119	+17%
DFM Basic	2120	371	276	-95	-26%
DFM Plus	1119	193	130	-63	-33%
DFM + THC	268	49	24	-25	-51%

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Real world practice

Assertiveness

Confidence as a Learner

Focus & Perseverance

Communication

Taking Responsibility

Realistic Planning

Empathy

Calmness

A 4 minute video is available at
www.thehorsecourse.org

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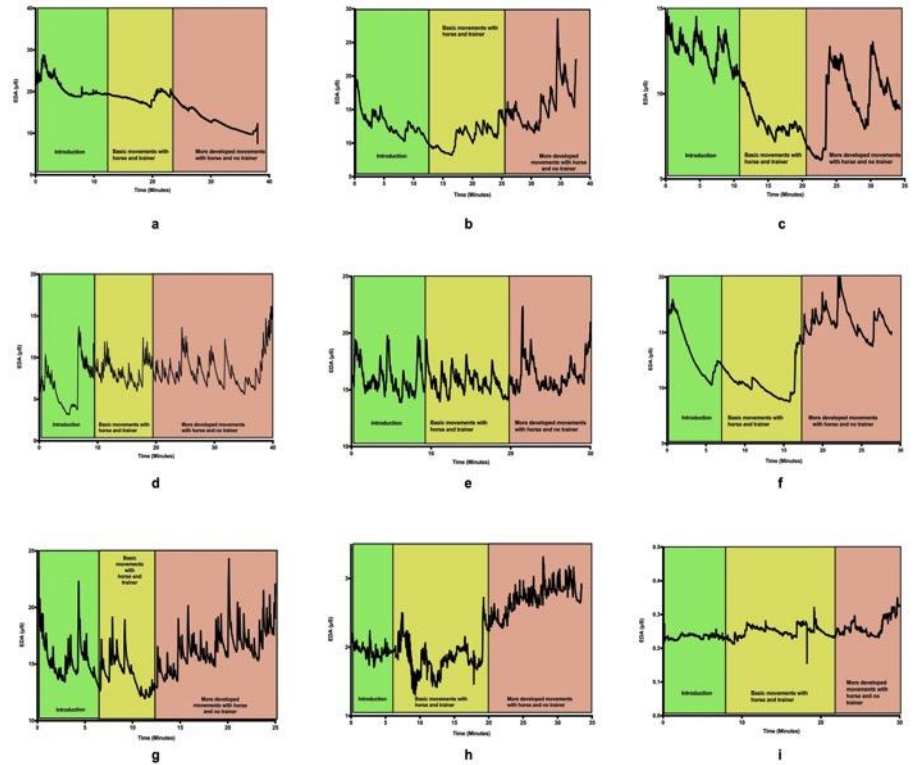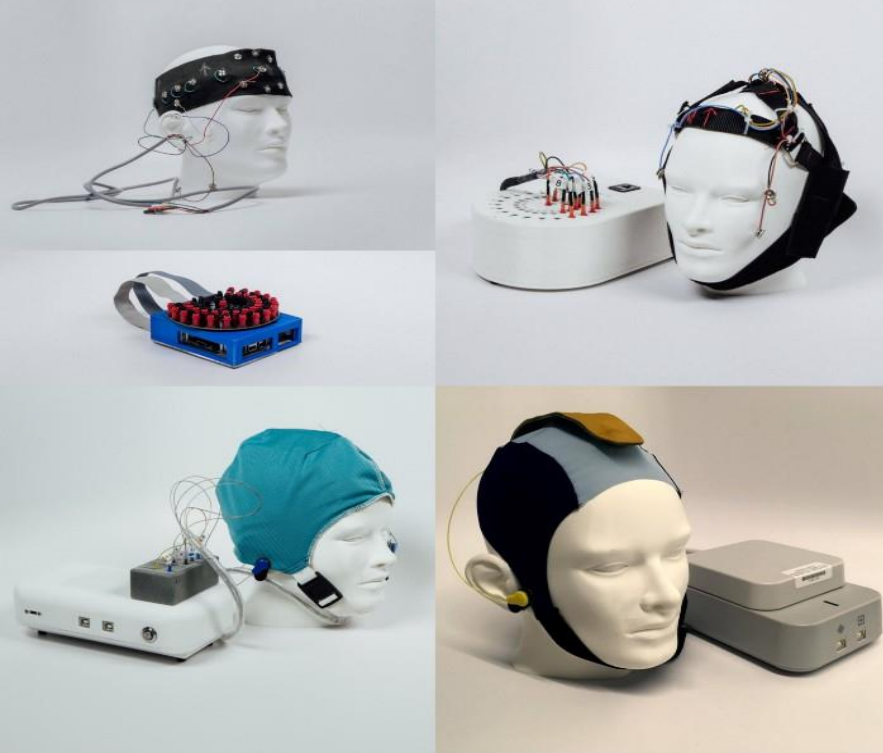
(Honke et al, 2020; arXiv:2010.15274)

Hemingway et al., 2019
ww.mdpi.com/2076-2615/9/6/303

Pilot: Neuroscience elements

- Wet EEG with 8 healthy adults taking part in TheHorseCourse activities
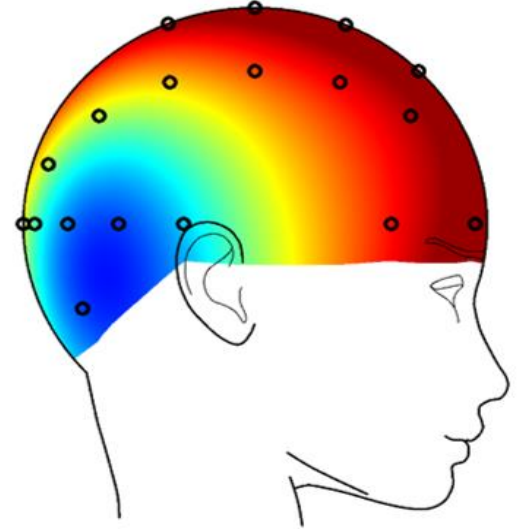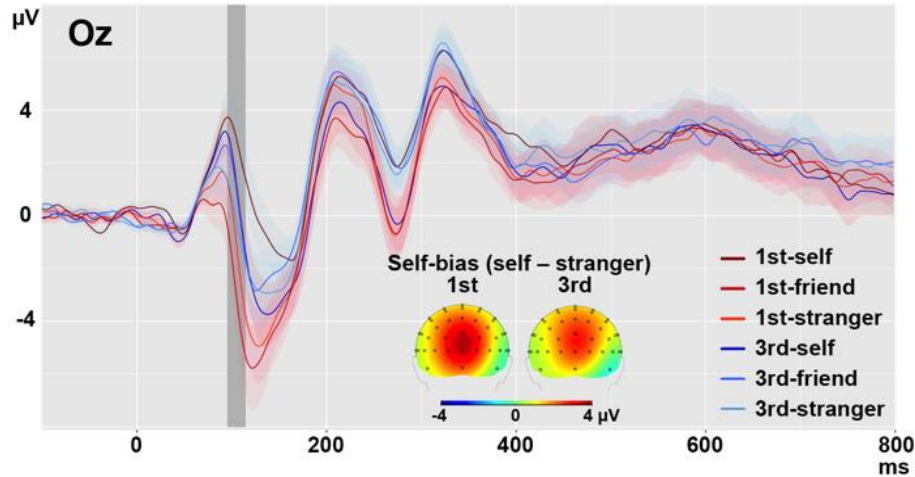
Pilot: VR elements

- Simultaneous video capture from 6 fixed cameras plus audio from facilitator and participant

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