

Arizona State University

*School of Biological and Health
Systems Engineering*

Researchers: Gregory A. Apker, Keith Dyson, Garrett Frantz, Christopher A. Buneo

Title of Paper/Research: [Efficiency of visual feedback integration differs between dominant and non-dominant arms during a reaching task](#)

Journal: Experimental Brain Research

Bielefeld University

Department of COGNITIVE Neuroscience

Cognitive Interaction Technology Center
of Excellence (CITEC);

Nanjing Tech University

*College of Electrical Engineering and
Control Science*

Researchers: Abdeldjallil Naceri, Alessandro Moscatelli, Ryad Chellali

Title of Paper/Research: [Depth discrimination of constant angular size stimuli in action space: role of accommodation and convergence cues](#)

Journal: Frontiers in Human Neuroscience

Maastricht University

*Clinical Psychological Science,
Faculty of Psychology and Neuroscience*

Universitätsklinikum Schleswig-Holstein

*Institut für Sexualmedizin und
Forensische Psychiatrie und
Psychotherapie, Kiel, Germany*

Researchers: Pauline Dibbets, Michel A. Schulte-Ostermann

Title of Paper/Research: [Virtual reality, real emotions: a novel analogue for the assessment of risk factors of post-traumatic stress disorder](#)

Journal: Frontiers in Psychology

Neuroscience



Ludwig-Maximilians-Universität München,
Planegg-Martinsried, Germany;
Bernstein Center for Computational
Neuroscience Munich, Munich, Germany

Researchers: Christian Garbers, Josephine Henke, Christian Leibold, Thomas Wachtler, Kay Thurley

Title of Paper/Research: [Contextual processing of brightness and color in Mongolian gerbils](#)

Journal: Journal of Vision

Max Planck Institute for Human Cognitive
and Brain Sciences
Department of Social Neuroscience

Researchers: Cade McCall, Tania Singer

Title of Paper/Research: [Facing Off with Unfair Others: Introducing Proxemic Imaging as an Implicit Measure of Approach and Avoidance during Social Interaction](#)

Journal: PLOS One

National Human Genome Research
Institute;
National Institutes of Health
Social and Behavioral Research Branch

Texas A&M University
*Department of Communication;
Houston Center for Quality of Care and
Utilization Studies;
Section of Health Services Research*

Researchers: Susan Persky, Richard L. Street Jr.

Title of Paper/Research: [Evaluating Approaches for Communication About Genomic Influences on Body Weight](#)

Journal: Annals of Behavioral Medicine

Baylor College of Medicine
Department of Medicine

Neuroscience



Vanderbilt University
Department of Psychology

Iowa State University
Department of Psychology

The University of Texas
Center for Learning and Memory

Researchers: Xiaoli Chen, Qiliang He, Jonathan W. Kelly, Ila R. Fiete, Timothy P. McNamara

Title of Paper/Research: [Bias in Human Path Integration Is Predicted by Properties of Grid Cells](#)

Journal: Current Biology

University of Coimbra
*IBILI—Institute for Biomedical Imaging in
Life Sciences, Faculty of Medicine*

Researchers: Carlos P. Amaral, Marco A. Simões, Miguel S. Castelo-Branco

Title of Paper/Research: [Neural Signals Evoked by Stimuli of Increasing Social Scene Complexity Are Detectable at the Single-Trial Level and Right Lateralized](#)

Journal: PLOS One

University of Leeds, UK;
University of Bradford

Researchers: Matthew Smith, Callum D. Mole, Georgios K. Kountouriotis, Catharine Chisholm, Bipin Bhakta, Richard M. Wilkie

Title of Paper/Research: [Driving with homonymous visual field loss: Does visual search performance predict hazard detection?](#)

Journal: British Journal of Occupational Therapy

New York University
Center for Neural Science

Researchers: David Putrino, Yan T. Wong, Adam Weiss, Bijan Pesaran

Title of Paper/Research: [A training platform for many-dimensional prosthetic devices using a virtual reality environment](#)

Journal: Journal of Neuroscience Methods

Neuroscience

University of Chicago

Department of Psychology

Free University of Brussels

Department of Linguistics

University of Chicago

Department of Linguistics;

Laboratory of Brain and Cognition,

National Institute of Mental Health,

Institute of COGNITIVE Neuroscience

University College London;

Max Planck Institute for Psycholinguistics;

Donders Institute for Brain, Cognition and

Behaviour

Researchers: Tom Gijssels, Laura Staum Casasanto, Kyle Jasmin, Peter Hagoort, Daniel Casasanto

Title of Paper/Research: [Speech Accommodation Without Priming: The Case of Pitch](#)

Journal: Discourse Processes

University of California

Institute for Neural Computation;

Interdepartmental Neuroscience Program;

Departments of Radiology,

Neurosciences, and Psychiatry

Researchers: Markus Plank, Joseph Snider, Erik Kaestner, Eric Halgren, Howard Poizner

Title of Paper/Research: [Neurocognitive stages of spatial cognitive mapping measured during free exploration of a large-scale virtual environment](#)

Journal: Journal of Neurophysiology

The University of Edinburgh

*Human COGNITIVE Neuroscience,
Department of Psychology;
Centre for COGNITIVE Ageing and COGNITIVE
Epidemiology, Department of Psychology*

Heriot-Watt University

*Department of Psychology,
School of Life Sciences*

German Center for Neurodegenerative Diseases (DZNE)

Aging and Cognition Research Group

Otto-von-Guericke University

*Center for Behavioral Brain Sciences
(CBBS)*

Researchers: Michael Craig, Michaela Dewar, Mathew A. Harris, Sergio Della Sala, Thomas Wolbers

Title of Paper/Research: [Wakeful rest promotes the integration of spatial memories into accurate cognitive maps](#)

Journal: Hippocampus

West Virginia University

*Department of Human Performance and
Applied Exercise Science, DIVISION of
Physical Therapy*

Researchers: William J. Talkington, Bradley S. Pollard, Erienne V. Olesh, Valeriya Gritsenko

Title of Paper/Research: [Multifunctional Setup for Studying Human Motor Control Using Transcranial Magnetic Stimulation, Electromyography, Motion Capture, and Virtual Reality](#)

Journal: JoVE

Neuroscience

Wilfrid Laurier University

*Sun Life Financial MOVEMENT Disorders
Research and Rehabilitation Centre*

University of Waterloo

*COGNITIVE Neuroscience,
Department of Psychology*

Researchers: Kaylena A. Ehgoetz Martens, Colin G. Ellard, Quincy J. Almeida

Title of Paper/Research: [Anxiety-provoked gait changes are selectively dopa-responsive in Parkinson's disease](#)

Journal: European Journal of Neuroscience

Wilfrid Laurier University

*Sun Life Financial MOVEMENT Disorders
Research and Rehabilitation Centre*

University of Waterloo

Department of Psychology

Researchers: Kaylena A. Ehgoetz Martens, Colin G. Ellard, Quincy J. Almeida

Title of Paper/Research: [Does manipulating the speed of visual flow in virtual reality change distance estimation while walking in Parkinson's disease?](#)

Journal: Experimental Brain Research

University College London

Institute of COGNITIVE Neuroscience

Researchers: Xueni Pan, Antonia F. de C. Hamilton

Title of Paper/Research: [Automatic imitation in a rich social context with virtual characters](#)

Journal: Frontiers in Psychology

Psychology

Max Planck Institute for Biological Cybernetics

Department of Human Perception, Cognition, & Action

Brown University

Department of COGNITIVE, Linguistic, & Psychological Sciences

Researchers: Mintao Zhao, William H. Warren

Title of Paper/Research: [Environmental stability modulates the role of path integration in human navigation](#)

Journal: Cognition

University of Connecticut

Department of Psychology

Clark University

Department of Psychology

Researchers: Nicole M. Overstreet, Diane M. Quinn, Kerry L. Marsh

Title of Paper/Research: [Objectification in Virtual Romantic Contexts: Perceived Discrepancies Between Self and Partner Ideals Differentially Affect Body Consciousness in Women and Men](#)

Journal: Sex Roles

Delft University of Technology

INTERACTIVE Intelligence Group

Eindhoven University of Technology

Human Technology Interaction Group

Researchers: Chao Qu, Yun Ling, Ingrid Heynderickx, Willem-Paul Brinkman

Title of Paper/Research: [Virtual Bystanders in a Language Lesson: Examining the Effect of Social Evaluation, Vicarious Experience, Cognitive Consistency and Praising on Students' Beliefs, Self-Efficacy and Anxiety in a Virtual Reality Environment](#)

Journal: PLOS one

Psychology

Brown University

*Department of COGNITIVE, Linguistic, and
Psychological Sciences*

Researchers: Kevin W. Rio

Title of Paper/Research: [Mapping the Visual Coupling between Neighbors in Real and Virtual Crowds](#)

Journal: Dissertation

Georg-August-University

*Ludwig-Meyer-Institute for Forensic
Psychiatry and Psychotherapy, Faculty
of Medicine, Göttingen, Lower Saxony,
Germany*

Researchers: Peter Fromberger, Sabrina Meyer, Christina Kempf, Kirsten Jordan, Jürgen L. Müller

Title of Paper/Research: [Virtual Viewing Time: The Relationship between Presence and Sexual Interest in Androphilic and Gynephilic Men](#)

Journal: PLOS One

Intuitive Research and Technology Corporation

Researchers: Rustin Webster

Title of Paper/Research: [Declarative knowledge acquisition in immersive virtual learning environments](#)

Journal: Interactive Learning Environments

Second University of Naples

*Department of Psychology;
Laboratory of IMMERSIVE Virtual Reality*

Researchers: Tina Iachini, Stefano Pagliaro, Gennaro Ruggiero

Title of Paper/Research: [Near or far? It depends on my impression: Moral information and spatial behavior in virtual interactions](#)

Journal: Acta Psychologica

Psychology

Iowa State University
Department of Psychology

Researchers: Jonathan W. Kelly, William Hammel, Lori A. Sjolund, Zachary D. Siegel

Title of Paper/Research: [Frontal extents in virtual environments are not immune to underperception](#)

Journal: Attention, Perception, & Psychophysics

Researchers: Jonathan W. Kelly, Shana K. Carpenter, Lori A. Sjolund

Title of Paper/Research: [Retrieval enhances route knowledge acquisition, but only when movement errors are prevented](#)

Journal: Journal of Experimental Psychology: Learning, Memory, and Cognition

Johns Hopkins University;
University of Southern California
Kennedy Krieger Inst

Researchers: Andrew W. Long, James M. Finley, Amy J. Bastian

Title of Paper/Research: [A Marching-Walking Hybrid Induces Step Length Adaptation and Transfers to Natural Walking](#)

Journal: Journal of Neurophysiology

Maastricht University
Department of Work and Social Psychology

Open University of The Netherlands Heerlen
Faculty of Psychology and Educational Sciences

Radboud University Nijmegen, Nijmegen
Behavioural Science Institute

Illinois State University
Department of Psychology

Researchers: Henna L. Toppenberg, Arjan E. R. Bos, Robert A. C. Ruiter, Daniël H. J. Wigboldus, John B. Pryor

Title of Paper/Research: [HIV-related stigma in social interactions: Approach and avoidance behaviour in a virtual environment](#)

Journal: European Journal of Social Psychology

Psychology

Maastricht University

*Clinical Psychological Science,
UNIVERSITY of LEUVEN, Belgium*

Researchers: Pauline Dibbets, Riet Fonteyne

Title of Paper/Research: [High spider fearfuls can overcome their fear in a virtual approach-avoidance conflict task](#)

Journal: Journal of Depression & Anxiety

Maastricht University

*Clinical Psychological Science,
Faculty of Psychology and Neuroscience*

Universitätsklinikum Schleswig-Holstein

*Institut für Sexualmedizin und
Forensische Psychiatrie und
Psychotherapie, Kiel, Germany*

Researchers: Pauline Dibbets, Michel A. Schulte-Ostermann

Title of Paper/Research: [Virtual reality, real emotions: a novel analogue for the assessment of risk factors of post-traumatic stress disorder](#)

Journal: Frontiers in Psychology

Miami University

*Dept. of Psychology and Armstrong
Institute of INTERACTIVE Media Studies;
Department of Computer Science &
Software Engineering;
Department of Psychology*

Researchers: Eric Hodgson, Eric R. Bachmann, David Vincent, Michael Zmuda, David Waller, James Calusdian

Title of Paper/Research: [WeaVR: a self-contained and wearable immersive virtual environment simulation system](#)

Journal: Behavior Research Methods

Psychology

National University of Singapore

Department of Psychology

Norfolk State University

Department of Engineering

Researchers: Maria Kozhevnikov, Lee Rong Cheng, Michael Kozhevnikov

Title of Paper/Research: [Effect of Environment Immersivity on Encoding Strategies of Spatial Tasks](#)

Journal: Procedia Manufacturing

Northern Arizona University

Department of Psychological Sciences;

Department of Biological Sciences

Researchers: Heidi A. Wayment, Ann F. Collier, Melissa Birkett, Tinna Traustadóttir, Robert E. Till

Title of Paper/Research: [Brief quiet ego contemplation reduces oxidative stress and mind-wandering](#)

Journal: Frontiers in Psychology

Radboud University Nijmegen

Donders Institute for Brain, Cognition

and Behaviour; Pedagogical Sciences;

Education Science

Researchers: Lea A. Hald, Marianne van den Hurk, Harold Bekkering

Title of Paper/Research: [Learning verbs more effectively through meaning congruent action animations](#)

Journal: Learning and Instruction

University of Kent

School of Psychology

University of Cambridge

Behaviour and Health Research Unit

University of Manchester

School of Psychological Sciences

Researchers: Mario Weick, John A. Allen, Milica Vasiljevic, Bo Yao

Title of Paper/Research: [Walking blindfolded unveils unique contributions of behavioural approach and inhibition to lateral spatial bias](#)

Journal: Cognition

Psychology

Simon Fraser University

*iSpace Lab, School of INTERACTIVE Arts
and Technology*

Researchers: Bernhard E. Riecke, Jacob B. Freiberg, Timofey Y. Grechkin

Title of Paper/Research: [Can walking motions improve visually induced rotational self-motion illusions in virtual reality?](#)

Journal: Journal of Vision

Researchers: Bernhard E. Riecke, Jacqueline D. Jordan

Title of Paper/Research: [Comparing the effectiveness of different displays in enhancing illusions of self-movement \(vection\)](#)

Journal: Frontiers in Psychology

Stanford University

Researchers: Jakki O. Bailey, Jeremy N. Bailenson, June Flora, K. Carrie Armel, David Voelker, Byron Reeves

Title of Paper/Research: [The Impact of Vivid Messages on Reducing Energy Consumption Related to Hot Water Use](#)

Journal: Environment & Behavior

Stanford University School of Medicine

*Department of Psychiatry &
Behavioral Sciences*

Stanford University

Department of Communication

Researchers: Clare K. Purvis, Megan Jones, Jakki O. Bailey, Jeremy Bailenson, C. Barr Taylor

Title of Paper/Research: [Developing a Novel Measure of Body Satisfaction Using Virtual Reality](#)

Journal: PLOS One

Psychology

University of California

*Department of Psychological & Brain
Sciences*

Researchers: Trevor J. Barrett, Andrew T. Stull, Ted M. Hsu, Mary Hegarty

Title of Paper/Research: [Constrained interactivity for relating multiple representations in science: When virtual is better than real](#)

Journal: Computers and Education

University College London (UCL)

Institute of Ophthalmology

University of Bath

*Department of Psychology (NIHR)
Biomedical Research Centre at Moorfields
Eye Hospital and UCL Institute of
Ophthalmology; Vitreoretinal Service;
Moorfields Eye Hospital NHS Foundation
Trust*

Researchers: Sara Garcia, Karin Petrini, Gary S. Rubin, Lyndon Da Cruz, Marko Nardini

Title of Paper/Research: [Visual and Non-Visual Navigation in Blind Patients with a Retinal Prosthesis](#)

Journal: PLOS One

Durham University

Department of Psychology

Researchers: Qiufeng Lin, John Rieser, Bobby Bodenheimer

Title of Paper/Research: [Affordance Judgments in HMD-Based Virtual Environments: Stepping over a Pole and Stepping off a Ledge](#)

Journal: ACM Transactions on Applied Perception (TAP)

Vanderbilt University

Psychology

University of Chicago

Department of Psychology

Free University of Brussels

Department of Linguistics

University of Chicago

Department of Linguistics;

Laboratory of Brain and Cognition,

National Institute of Mental Health,

Institute of COGNITIVE Neuroscience

Researchers: Tom Gijssels, Laura Staum Casasanto, Kyle Jasmin, Peter Hagoort, Daniel Casasanto

Title of Paper/Research: [Speech Accommodation Without Priming: The Case of Pitch](#)

Journal: Discourse Processes

University College London;

Max Planck Institute for Psycholinguistics;

Donders Institute for Brain, Cognition and

Behaviour

University of Granada

Department of Clinical Psychology;

Department of Physical Therapy,

Faculty of Health Sciences;

Health Center of Villarrodrgo

Researchers: Eva Montero-López , Ana Santos-Ruiz, M. Carmen García-Ríos, Raúl Rodríguez-Blázquez, Miguel Pérez-García, María Isabel Peralta-Ramírez

Title of Paper/Research: [A virtual reality approach to the Trier Social Stress Test: Contrasting two distinct protocols](#)

Journal: Behavior Research Methods

University of Alicante

Department of Health Psychology,

Faculty of Health Sciences

Psychology

The University of Edinburgh

*Human COGNITIVE Neuroscience,
Department of Psychology;
Centre for COGNITIVE Ageing and COGNITIVE
Epidemiology, Department of Psychology*

Heriot-Watt University

*Department of Psychology,
School of Life Sciences*

German Center for Neurodegenerative Diseases (DZNE)

Aging and Cognition Research Group

Otto-von-Guericke University

*Center for BEHAVIORAL Brain Sciences
(CBBS)*

Researchers: Michael Craig, Michaela Dewar, Mathew A. Harris, Sergio Della Sala, Thomas Wolbers

Title of Paper/Research: [Wakeful rest promotes the integration of spatial memories into accurate cognitive maps](#)

Journal: Hippocampus

University of Sheffield

Department of Psychology

Institute of Education

*Department of Psychology and
Human DEVELOPMENT*

Université Lille Nord de France

Department of Psychology

Researchers: Jamie Lingwood, Mark Blades, Emily K. Farran, Yannick Courbois, and Danielle Matthews

Title of Paper/Research: [Encouraging 5-year olds to attend to landmarks: a way to improve children's wayfinding strategies in a virtual environment](#)

Journal: Frontiers in Psychology

Psychology

University of Guelph
Psychology Department

Researchers: Barbara A. Morrongiello, Michael Corbett, Melissa Milanovic, Sarah Pyne, Robin Vierich

Title of Paper/Research: [Innovations in using virtual reality to study how children cross streets in traffic: evidence for evasive action skills](#)

Journal: Injury Prevention

Researchers: Barbara A. Morrongiello, Michael Corbett

Title of Paper/Research: [Using a virtual environment to study child pedestrian behaviours: a comparison of parents' expectations and children's street crossing behaviour](#)

Journal: Experimental Brain Research

Researchers: Barbara A. Morrongiello, Michael Corbett, Jessica Switzer, Tom Hall

Title of Paper/Research: [Using a Virtual Environment to Study Pedestrian Behaviors: How Does Time Pressure Affect Children's and Adults' Street Crossing Behaviors?](#)

Journal: Journal of Pediatric Psychology

University of Houston;
Baylor University;
Baylor College of Medicine

Researchers: Danielle E. Parrish, Holly K. Oxhandler, Jacquelynn F. Duron, Paul Swank, Patrick Bordnick

Title of Paper/Research: [Feasibility of Virtual Reality Environments for Adolescent Social Anxiety Disorder](#)

Journal: Research on Social Work Practice

Psychology

University of Illinois at Urbana-Champaign
*Department of Kinesiology and
Community Health*

Researchers: M. Hernandez, J. Snider, C. Stevenson, G. Cauwenberghs, H. Poizner

Title of Paper/Research: [A Correlation-based Framework for Evaluating Postural Control Stochastic Dynamics](#)

Journal: IEEE Transactions on Neural Systems and Rehabilitation Engineering

University of Lausanne
*Department of Organizational Behavior,
Faculty of Business and Economics*

Researchers: Dario Bombari, Marianne Schmid Mast, Elena Canadas, Manuel Bachmann

Title of Paper/Research: [Studying social interactions through immersive virtual environment technology: virtues, pitfalls, and future challenges](#)

Bern University of Applied Sciences

Journal: Frontiers in Psychology

University of London;
University of Illinois;
Ludwig-Maximilians-University of Munich

Researchers: Judit Pétervári, Amory H. Danek, Virginia Flanagan

Title of Paper/Research: [Wayfinding and restructuring in a novel city: an insight problem solving task](#)

Journal: Conference Paper

University of Muenster

Researchers: B. Bolte, M. Lappe

Title of Paper/Research: [Subliminal Reorientation and Repositioning in Immersive Virtual Environments using Saccadic Suppression](#)

Journal: IEEE Transactions on Visualization and Computer Graphics

Psychology

University of Texas, Austin

Researcher: Elena Hitzel

Title of Paper/Research: [Effects of Peripheral Vision on Eye Movements: A Virtual Reality Study on Gaze Allocation in Naturalistic Tasks](#)

Journal: Book published by Springer

Laureate Institute for Brain Research
Faculty of Community Medicine

The University of Tulsa

*Department of Psychology;
Center for Biomedical Engineering*

The University of Oklahoma

*College of Engineering;
Janssen Research and DEVELOPMENT,
Janssen Pharmaceuticals*

Researchers: R. P. Alvarez, N. Kirlic, M. Misaki, J. Bodurka, J. L. Rhudy, M. P. Paulus, W. C. Drevets

Title of Paper/Research: [Increased anterior insula activity in anxious individuals is linked to diminished perceived control](#)

Journal: Translational Psychiatry

University of Utah, Max Planck Institute
for Biological Cybernetics

Researchers: Jeanine K. Stefanucci, Sarah H. Creem-Regehr, William B. Thompson, David A. Lessard, Michael N. Geuss

Title of Paper/Research: [Evaluating the accuracy of size perception on screen-based displays: Displayed objects appear smaller than real objects.](#)

Journal: Journal of Experimental Psychology

Psychology

Sun Life Financial Movement Disorders
Research and Rehabilitation Centre;
Wilfrid Laurier University;
University of Waterloo

*COGNITIVE Neuroscience,
Department of Psychology*

Researchers: Kaylena A. Ehgoetz Martens, Colin G. Ellard, Quincy J. Almeida

Title of Paper/Research: [Virtually-induced threat in Parkinson's: Dopaminergic interactions between anxiety and sensory-perceptual processing while walking](#)

Journal: Neuropsychologia

