Stanford



James Landay

Denning Director of Stanford Institute for Human-Centered AI, Anand Rajaraman and Venky Harinarayan Professor and Senior Fellow at the Stanford Institute for Human-Centered AI

Computer Science

CONTACT INFORMATION

- **Administrative Contact**

  Harini Sreepathi - Executive Assistant

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Bio

BIO

James Landay is a Professor of Computer Science and the Anand Rajaraman and Venky Harinarayan Professor in the School of Engineering at Stanford University. He specializes in human-computer interaction. Landay is the co-founder and Director of the Stanford Institute for Human-centered Artificial Intelligence (HAI). Before joining Stanford, Landay was a Professor of Information Science at Cornell Tech in New York City for one year and a Professor of Computer Science & Engineering at the University of Washington for 10 years. From 2003 to 2006, he also served as the Director of Intel Labs Seattle, a leading research lab that explored various aspects of ubiquitous computing. Landay was also chief scientist and co-founder of NetRaker, which KeyNote Systems acquired in 2004. Before that, he was an Associate Professor of Computer Science at UC Berkeley. Landay received his BS in EECS from UC Berkeley in 1990, and his MS and PhD in Computer Science from Carnegie Mellon University in 1993 and 1996, respectively. His PhD dissertation was the first to demonstrate the use of sketching in user interface design tools. He is a member of the ACM SIGCHI Academy and an ACM Fellow. He is an ACM SIGCHI Lifetime Research Award winner. He served for six years on the NSF CISE Advisory Committee.

ACADEMIC APPOINTMENTS

- Professor, Computer Science
- Senior Fellow, Institute for Human-Centered Artificial Intelligence (HAI)
- Member, Bio-X
- Member, Wu Tsai Human Performance Alliance
- Member, Wu Tsai Neurosciences Institute

ADMINISTRATIVE APPOINTMENTS

- Director, Stanford Institute for Human-Centered AI, (2026- present)
- Co-Director, Stanford Institute for Human-Centered AI, (2024-2026)
- Vice Director, Stanford Institute for Human-Centered AI, (2022-2024)
- Associate Director, Stanford Institute for Human-Centered AI, (2018-2022)

HONORS AND AWARDS

- Fellow, ACM (2016)

- SIGCHI Academy Member, ACM SIGCHI (2011)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- CISE Advisory Committee Member, National Science Foundation (2010 - 2016)

PROGRAM AFFILIATIONS

- Symbolic Systems Program

PROFESSIONAL EDUCATION

- BS, UC Berkeley , Electrical Engineering & Computer Science (1990)
- MS, Carnegie Mellon University , Computer Science (1993)
- PhD, Carnegie Mellon University , Computer Science (1996)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Landay's current research interests include Technology to Support Behavior Change (especially for health and sustainability), Demonstrational User Interfaces, Mobile & Ubiquitous Computing, Cross-Cultural Interface Design, Human-Centered AI, and User Interface Design Tools. He has developed tools, techniques, and a top professional book on Web Interface Design.

Teaching

COURSES

2026-27

- Cross-platform Mobile App Development: CS 147L (Aut)
- Introduction to Human-Computer Interaction Design: CS 147 (Aut)

2025-26

- Cross-platform Mobile App Development: CS 147L (Aut)
- Game Development: CS 146 (Win)
- Introduction to Human-Computer Interaction Design: CS 147 (Aut)

2024-25

- Cross-platform Mobile App Development: CS 147L (Aut)
- Digital Canvas: An Introduction to UI/UX Design: CS 91SI (Win)
- Introduction to Human-Computer Interaction Design: CS 147 (Aut)

2023-24

- Cross-platform Mobile App Development: CS 147L (Aut)
- Introduction to Human-Computer Interaction Design: CS 147 (Aut)
- User Interface Design Project: CS 194H (Win)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Cyan DeVeaux, Bethanie Drake-Maples

Postdoctoral Faculty Sponsor

Clayton Feustel, Tonya Nguyen

Doctoral Dissertation Advisor (AC)

Alan Cheng, Parker Ruth

Orals Evaluator

Alan Cheng

Master's Program Advisor

Christina Ba, Yuvraj Baheti, Velissarios Christodoulou, Natalie Hampton, Katie Heffernan, Cannon Kissane, Sze Heng Douglas Kwok, Ava Lazar, Irene Lin, Ryan Lin, Clara Lu, Saniya Mahate, Mai Mostafa, Michael Osborn, Shreya Sreekantham, Sunny Sun, Gaurav Tyagi, Miguel Alfonso Villanueva, Shirley Zhang, William Zhao

Doctoral Dissertation Co-Advisor (AC)

Yikai Li, Yujie Tao

Doctoral (Program)

Beleicia Bullock, Alan Cheng, Elizabeth Childs, Zoe Kaputa, Julia Markel, Parker Ruth, Shardul Sapkota, Danilo Symonette, Grace Wang

Publications

PUBLICATIONS

- **A framework of digital biomarkers for neurodegenerative diseases.** *Nature reviews bioengineering*
  Nerrise, F., Schütz, N., Zhao, Q., Gould, C., Milstein, A., Schulman, K., Henderson, V. W., Landay, J., Fei-Fei, L., Lin, F. V., Adeli, E.
  2026
- **Deep Sketch-Based 3D Modeling: A Survey** *COMPUTER GRAPHICS FORUM*
  Tono, A., Wu, J., Wetzstein, G., Armeni, I., Subramonyam, H., Landay, J., Fischer, M.
  2026
- **Vascular waveform analysis using Bayesian pulse deconvolution.** *bioRxiv : the preprint server for biology*
  Ruth, P. S., DeBenedetti, T., O'Brien, L., Landay, J. A., Coleman, T. P., Fox, E. B.
  2026
- **Just-In-Time Objectives: A General Approach for Specialized AI Interactions**
  Lam, M. S., Shaikh, O., Xu, H., Guo, A., Yang, D., Heer, J., Landay, J. A., Bernstein, M. S., ACM
  ASSOC COMPUTING MACHINERY.2026
- **Impact of windows, natural materials, and diverse representations in built environments on psychological and physiological well-being: A between-subjects experiment in immersive virtual environments** *BUILDING AND ENVIRONMENT*
  Altaf, B., Tavakoli, A., Ruth, P., Green, A., Xu, J., Jain, S., Chiu, E., Bencharit, L., Murnane, E. L., Landay, J. A., Billington, S. L.
  2025; 280
- **Black Older Adults' Perception of Using Voice Assistants to Enact a Medical Recovery Curriculum** *PROCEEDINGS OF THE ACM ON HUMAN COMPUTER INTERACTION*
  Green, A., Polite, G., Hung, I., Fessele, K. L., Billington, S. L., Landay, J. A., Cuadra, A.
  2025; 9 (2)
- **Black immersive virtuality: Racialized experiences of avatar embodiment and customization among Black users in social VR** *COMPUTERS IN HUMAN BEHAVIOR*
  Deveaux, C., Han, E., Hudson, Z., Egelman, J., Landay, J. A., Bailenson, J. N.
  2025; 168
- **GenieWizard: Multimodal App Feature Discovery with Large Language Models**
  Yang, J., Shi, Y., Gu, C., Zheng, Z., Jain, A., Li, T., Lam, M. S., Landay, J. A., ACM
  ASSOC COMPUTING MACHINERY.2025

- **GPTCoach: Towards LLM-Based Physical Activity Coaching**
  Jorke, M., Sapkota, S., Warkenthien, L., Vainio, N., Schmiedmayer, P., Brunskill, E., Landay, J. A., ACM
  ASSOC COMPUTING MACHINERY.2025

- **Ontologies in Design: How Imagining a Tree Reveals Possibilities and Assumptions in Large Language Models**
  Haghighi, N., Yu, S., Landay, J. A., Rosner, D., ACM
  ASSOC COMPUTING MACHINERY.2025

- **Oak Story: Improving Learner Outcomes with LLM-Mediated Interactive Narratives**
  Cheng, A. Y., Zou, C. Q., Xie, A., Hsu, M., Yan, F., Huang, F., Zhang, D. K., Sharma, A., Poole, R., Rosli, D., Cuadra, A., Pea, R., Landay, et al
  ASSOC COMPUTING MACHINERY.2025

- **"They Make Us Old Before We're Old": Designing Ethical Health Technology with and for Older Adults** *PROCEEDINGS OF THE ACM ON HUMAN COMPUTER INTERACTION*
  So, J., Estrada, S., Jorke, M., Bianchi, E., Wang, M., Haghighi, N., Fessele, K. L., Landay, J. A., Cuadra, A.
  2024; 8 (CSCW2)

- **Effects of architectural interventions on psychological, cognitive, social, and pro-environmental aspects of occupant well-being: Results from an immersive online study (vol 253, 111293, 2024)** *BUILDING AND ENVIRONMENT*
  Bianchi, E., Bencharit, L., Murnane, E. L., Altaf, B., Douglas, I. P., Landay, J. A., Billington, S. L.
  2024; 262

- **workplaces and human well-being: A mixed-methods study to quantify the effects of materials, windows, and representation on biobehavioral outcomes (vol 224, 109516, 2022)** *BUILDING AND ENVIRONMENT*
  Douglas, I. P., Murnane, E. L., Bencharit, L., Altaf, B., Costa, J., Yang, J., Ackerson, M., Srivastava, C., Cooper, M., Douglas, K., King, J., Paredes, P. E., Camp, et al
  2024; 261

- **Use of crowdsourced online surveys to study the impact of architectural and design choices on wellbeing (vol 4, 780376, 2022)** *FRONTIERS IN SUSTAINABLE CITIES*
  Altaf, B., Bianchi, E., Douglas, I. P., Douglas, K., Byers, B., Paredes, P. E., Ardoin, N. M., Markus, H. R., Murnane, E. L., Bencharit, L. Z., Landay, J. A., Billington, S. L.
  2024; 6

- **Digital Forms for All: A Holistic Multimodal Large Language Model Agent for Health Data Entry** *PROCEEDINGS OF THE ACM ON INTERACTIVE MOBILE WEARABLE AND UBIQUITOUS TECHNOLOGIES-IMWUT*
  Cuadra, A., Breuch, J., Estrada, S., Ihim, D., Hung, I., Askaryar, D., Hassanien, M., Fessele, K. L., Landay, J. A.
  2024; 8 (2)

- **Reinforcement learning tutor better supported lower performers in a math task** *MACHINE LEARNING*
  Ruan, S., Nie, A., Steenbergen, W., He, J., Zhang, J. Q., Guo, M., Liu, Y., Nguyen, K., Wang, C. Y., Ying, R., Landay, J. A., Brunskill, E.
  2024

- **Leveraging Immersive Virtual Environments for Occupant Well-Being Analysis**
  Altaf, B., Tavakoli, A., Bianchi, E., Landay, J., Billington, S. L.
  edited by Turkan, Y., Louis, J., Leite, F., Ergan, S.
  AMER SOC CIVIL ENGINEERS.2024: 85-92

- **AMMA: Adaptive Multimodal Assistants Through Automated State Tracking and User Model-Directed Guidance Planning**
  Yang, J., Qiu, L., Corona-Moreno, E., Shi, L., Bui, H., Lam, M. S., Landay, J. A., IEEE Comp Soc
  IEEE COMPUTER SOC.2024: 892-902

- **Concept Induction: Analyzing Unstructured Text with High-Level Concepts Using LLooM**
  Lam, M. S., Teoh, J., Landay, J. A., Heer, J., Bernstein, M. S., ACM
  ASSOC COMPUTING MACHINERY.2024

- **On Stress: Combining Human Factors and Biosignals to Inform the Placement and Design of a Skin-like Stress Sensor**
  Khan, Y., Mauriello, M., Nowruzi, P., Motani, A., Hon, G., Vitale, N., Li, J., Kim, J., Foudeh, A., Duvio, D., Shols, E., Chesnut, M., Landay, et al
  ASSOC COMPUTING MACHINERY.2024

- **The Illusion of Empathy? Notes on Displays of Emotion in Human-Computer Interaction**
  Cuadra, A., Wang, M., Stein, L., Jung, M. F., Dell, N., Estrin, D., Landay, J. A., ACM
  ASSOC COMPUTING MACHINERY.2024

- **Scientific and Fantastical: Creating Immersive, Culturally-Relevant Learning Experiences with Augmented Reality and Large Language Models**
  Cheng, A. Y., Guo, M., Ran, M., Ranasaria, A., Sharma, A., Xie, A., Le, K. N., Vinaithirthan, B., Luan, S., Wright, D., Cuadra, A., Pea, R., Landay, et al
  ASSOC COMPUTING MACHINERY.2024

- **ReactGenie: A Development Framework for Complex Multimodal Interactions Using Large Language Models**
  Yang, J., Shi, Y., Zhang, Y., Li, K., Rosli, D., Jain, A., Zhang, S., Li, T., Landay, J. A., Lam, M. S., ACM
  ASSOC COMPUTING MACHINERY.2024

- **A study of the role of indoor nature on solidarity and group identity during remote work** *BUILDING AND ENVIRONMENT*
  Bianchi, E., Bloomfield, L. S. P., Bencharit, L. Z., Altaf, B., Sawe, N. A., Murnane, E. L., Landay, J. A., Billington, S. L.
  2023; 245

- **Exploring the Relationship Between Attribute Discrepancy and Avatar Embodiment in Immersive Social Virtual Reality.** *Cyberpsychology, behavior and social networking*
  DeVeaux, C., Han, E., Landay, J. A., Bailenson, J. N.
  2023

- **Time perception during the pandemic: A longitudinal study examining the role of indoor and outdoor nature exposure for remote workers** *BUILDING AND ENVIRONMENT*
  Altaf, B., Bloomfield, L. S. P., Karzai, D. N., Sawe, N. A., Murnane, E. L., Bencharit, L., Landay, J. A., Billington, S. L.
  2023; 243

- **Narrative-Based Visual Feedback to Encourage Sustained Physical Activity: A Field Trial of the WholsZuki Mobile Health Platform** *PROCEEDINGS OF THE ACM ON INTERACTIVE MOBILE WEARABLE AND UBIQUITOUS TECHNOLOGIES-IMWUT*
  Murnane, E. L., Glazko, Y. S., Costa, J., Yao, R., Zhao, G., Moya, P. M. L., Landay, J. A.
  2023; 7 (1)

- **Effects of Wearable Fitness Trackers and Activity Adequacy Mindsets on Affect, Behavior, and Health: Longitudinal Randomized Controlled Trial.** *Journal of medical Internet research*
  Zahrt, O. H., Evans, K., Murnane, E., Santoro, E., Baiocchi, M., Landay, J., Delp, S., Crum, A.
  2023; 25: e40529

- **A Workshop-Based Method for Navigating Value Tensions in Collectively Speculated Worlds**
  Haghighi, N., Jorke, M., Mohsen, Y., Cuadra, A., Landay, J. A., ACM
  ASSOC COMPUTING MACHINERY.2023: 1676-1692

- **Visual StoryCoder: A Multimodal Programming Environment for Children's Creation of Stories**
  Dietz, G., Tamer, N., Ly, C., Le, J. K., Landay, J. A., ACM
  ASSOC COMPUTING MACHINERY.2023

- **Model Sketching: Centering Concepts in Early-Stage Machine Learning Model Design**
  Lam, M. S., Ma, Z., Li, A., Freitas, I., Wang, D., Landay, J. A., Bernstein, M. S., ACM
  ASSOC COMPUTING MACHINERY.2023

- **Designing Immersive, Narrative-Based Interfaces to Guide Outdoor Learning**
  Cheng, A. Y., Ritchie, J., Agrawal, N., Childs, E., DeVeaux, C., Jee, Y., Leon, T., Maples, B., Cuadra, A., Landay, J. A., ACM
  ASSOC COMPUTING MACHINERY.2023

- **GPTeach: Interactive TA Training with GPT-based Students**
  Markel, J. M., Opferman, S. G., Landay, J. A., Piech, C.
  edited by ACM
  ASSOC COMPUTING MACHINERY.2023: 226-236

- **Leveraging Mobile Technology for Public Health Promotion: A Multidisciplinary Perspective.** *Annual review of public health*
  Hicks, J. L., Boswell, M. A., Althoff, T., Crum, A. J., Ku, J. P., Landay, J. A., Moya, P. M., Murnane, E. L., Snyder, M. P., King, A. C., Delp, S. L.

2022

- **Physical workplaces and human well-being: A mixed-methods study to quantify the effects of materials, windows, and representation on biobehavioral outcomes** *BUILDING AND ENVIRONMENT*
  Douglas, I. P., Murnane, E. L., Bencharit, L., Altaf, B., Costa, J., Yang, J., Ackerson, M., Srivastava, C., Cooper, M., Douglas, K., King, J., Paredes, P. E., Camp, et al
  2022; 224
- **Beyond Being Real: A Sensorimotor Control Perspective on Interactions in Virtual Reality**
  Abtahi, P., Hough, S. Q., Landay, J. A., Follmer, S., ACM
  ASSOC COMPUTING MACHINERY.2022
- **Use of Crowdsourced Online Surveys to Study the Impact of Architectural and Design Choices on Wellbeing** *Frontiers in Sustainable Cities*
  Altaf, B., Bianchi, E., Douglas, I. P., Douglas, K., Byers, B., Paredes, P. E., Ardoin, N. M., Markus, H. R., Murnane, E. L., Bencharit, L. Z., Landay, J. A., Billington, S. L.
  2022: 19
- **HomeView: Automatically Building Smart Home Digital Twins With Augmented Reality Headsets**
  Lyu, Z., Yang, J., Lam, M. S., Landay, J. A., ACM
  ASSOC COMPUTING MACHINERY.2022
- **HybridTrak: Adding Full-Body Tracking to VR Using an Off-the-Shelf Webcam**
  Yang, J., Chen, T., Qin, F., Lam, M. S., Landay, J. A., ACM
  ASSOC COMPUTING MACHINERY.2022
- **EnglishRot: An AI-Powered Conversational System for Second Language Learning**
  Ruan, S., Jiang, L., Xu, Q., Davis, G. M., Liu, Z., Brunskill, E., Landay, J. A., ASSOC COMP MACHINERY
  ASSOC COMPUTING MACHINERY.2021: 434-444
- **StoryCoder: Teaching Computational Thinking Concepts Through Storytelling in a Voice-Guided App for Children**
  Dietz, G., Le, J. K., Tamer, N., Han, J., Gweon, H., Murnane, E. L., Landay, J. A., ASSOC COMP MACHINERY
  ASSOC COMPUTING MACHINERY.2021
- **Variational Deep Knowledge Tracing for Language Learning**
  Ruan, S., Wei, W., Landay, J., Assoc Comp Machinery
  ASSOC COMPUTING MACHINERY.2021: 323-332
- **Personal identifiability of user tracking data during observation of 360-degree VR video.** *Scientific reports*
  Miller, M. R., Herrera, F., Jun, H., Landay, J. A., Bailenson, J. N.
  2020; 10 (1): 17404
- **Designing Ambient Narrative-Based Interfaces to Reflect and Motivate Physical Activity.** *Proceedings of the SIGCHI conference on human factors in computing systems. CHI Conference*
  Murnane, E. L., Jiang, X. n., Kong, A. n., Park, M. n., Shi, W. n., Soohoo, C. n., Vink, L. n., Xia, I. n., Xin, Y. n., Yang-Sammataro, J. n., Young, G. n., Zhi, J. n., Moya, et al
  2020; 2020
- **Adaptive Photographic Composition Guidance**
  Jane, L. E., Fried, O., Lu, J., Zhang, J., Mech, R., Echevarria, J., Hanrahan, P., Landay, J. A., ACM
  ASSOC COMPUTING MACHINERY.2020
- **Supporting Children's Math Learning with Feedback-Augmented Narrative Technology**
  Ruan, S., He, J., Ying, R., Burkle, J., Hakim, D., Wang, A., Yin, Y., Zhou, L., Xu, Q., AbuHashem, A., Dietz, G., Murnane, E. L., Brunskill, et al
  ASSOC COMPUTING MACHINERY.2020: 567-580
- **Soundr: Head Position and Orientation Prediction Using a Microphone Array**
  Yang, J., Banerjee, G., Gupta, V., Lam, M. S., Landay, J. A., ACM
  ASSOC COMPUTING MACHINERY.2020: 529-537
- **Beyond The Force: Using Quadcopters to Appropriate Objects and the Environment for Haptics in Virtual Reality**
  Abtahi, P., Landry, B., Yang, J., Pavone, M., Follmer, S., Landay, J. A., Assoc Comp Machinery

ASSOC COMPUTING MACHINERY.2019

- **Poirot: A Web Inspector for Designers**
  Tanner, K., Johnson, N., Landay, J. A., Assoc Comp Machinery
  ASSOC COMPUTING MACHINERY.2019
- **InfoLED: Augmenting LED Indicator Lights for Device Positioning and Communication**
  Yang, J., Landay, J. A., ACM
  ASSOC COMPUTING MACHINERY.2019: 175–87
- **drone.io: A Gestural and Visual Interface for Human-Drone Interaction**
  Cauchard, J. R., Tamkin, A., Wang, C., Vink, L., Park, M., Fang, T., Landay, J. A., IEEE
  IEEE.2019: 153–62
- **BookBuddy: Turning Digital Materials Into Interactive Foreign Language Lessons Through a Voice Chatbot**
  Ruan, S., Willis, A., Xu, Q., Davis, G. M., Jiang, L., Brunskill, E., Landay, J. A., Assoc Comp Machinery
  ASSOC COMPUTING MACHINERY.2019
- **Key Phrase Extraction for Generating Educational Question-Answer Pairs**
  Willis, A., Davis, G., Ruan, S., Manoharan, L., Landay, J., Brunskill, E., Assoc Comp Machinery
  ASSOC COMPUTING MACHINERY.2019
- **QuizBot: A Dialogue-based Adaptive Learning System for Factual Knowledge**
  Ruan, S., Jiang, L., Xu, J., Tham, B., Qiu, Z., Zhu, Y., Murnane, E. L., Brunskill, E., Landay, J. A., Assoc Comp Machinery
  ASSOC COMPUTING MACHINERY.2019
- **Poirot: A Web Inspector for Designers**
  Tanner, K., Johnson, N., Landay, J. A., Assoc Comp Machinery
  ASSOC COMPUTING MACHINERY.2019
- **Evaluating Speech-Based Smart Devices Using New Usability Heuristics** *IEEE PERVASIVE COMPUTING*
  Wei, Z., Landay, J. A.
  2018; 17 (2): 84–96
- **From on Body to Out of Body User Experience**
  Landay, J. A., Assoc Comp Machinery
  ASSOC COMPUTING MACHINERY.2018: 1–2
- **Breath Booster! Exploring In-Car, Fast-Paced Breathing Interventions to Enhance Driver Arousal State**
  Balters, S., Murnane, E. L., Landay, J. A., Paredes, P. E., ACM
  ASSOC COMPUTING MACHINERY.2018: 128-137
- **Fast & Furious: Detecting Stress with a Car Steering Wheel**
  Paredes, P. E., Ordonez, F., Ju, W., Landay, J. A., ACM
  ASSOC COMPUTING MACHINERY.2018
- **Gender-Inclusive Design: Sense of Belonging and Bias in Web Interfaces**
  Metaxa-Kakavouli, D., Wang, K., Landay, J. A., Hancock, J., ACM
  ASSOC COMPUTING MACHINERY.2018
- **FlyMap: Interacting with Maps Projected from a Drone**
  Brock, A. M., Chatain, J., Park, M., Fang, T., Hachet, M., Landay, J. A., Cauchard, J. R.
  edited by Schmidt, A., Williamson, Elhart, Baldauf, M., Mikusz, M., Sorce, S., Kurdyukova, K., ElAgroudy, P., Gentile
  ASSOC COMPUTING MACHINERY.2018
- **Aeroquake: Drone Augmented Dance**
  Kim, H., Landay, J. A., Assoc Comp Machinery
  ASSOC COMPUTING MACHINERY.2018: 691–95
- **Evaluating In-Car Movements in the Design of Mindful Commute Interventions: Exploratory Study.** *Journal of medical Internet research*
  Paredes, P. E., Hamdan, N. A., Clark, D., Cai, C., Ju, W., Landay, J. A.

2017; 19 (12): e372

- **BrushTouch: Exploring an Alternative Tactile Method for Wearable Haptics**
  Strasnick, E., Cauchard, J. R., Landay, J. A., ACM
  ASSOC COMPUTING MACHINERY.2017: 3120–25

- **INQUIRE Tool: Early Insight Discovery for Qualitative Research**
  Paredes, P., Landay, J., Oikonomou, V., Guerrero, R., Yang, T., Karashchuk, P., Jiang, B., Cheshire, C., Canny, J., Assoc Comp Machinery
  ASSOC COMPUTING MACHINERY.2017: 29-32

- **Evaluating In-Car Movements in the Design of Mindful Commute Interventions** *Journal of Medical Internet Research (JMIR)*
  Paredes, P. E., Hamdan, N. A., Cai, C., Clark, D., Ju, W., Landay, J.
  2017: e372

- **ActiVibe: Design and Evaluation of Vibrations for Progress Monitoring**
  Cauchard, J. R., Cheng, J. L., Pietrzak, T., Landay, J. A., ACM
  ASSOC COMPUTING MACHINERY.2016: 3261–71

- **Emotion Encoding in Human-Drone Interaction**
  Cauchard, J. R., Zhai, K. Y., Spadafora, M., Landay, J. A., ACM
  ASSOC COMPUTING MACHINERY.2016: 263–70

- **Drone & Me: An Exploration Into Natural Human-Drone Interaction**
  Cauchard, J. R., Jane, L. E., Zhai, K. Y., Landay, J. A., ACM
  ASSOC COMPUTING MACHINERY.2015: 361–65

- **Toolkit Support for Integrating Physical and Digital Interactions** *HUMAN-COMPUTER INTERACTION*
  Klemmer, S. R., Landay, J. A.
  2009; 24 (3): 315-366

- **Integrating physical and digital interactions on walls for fluid design collaboration** *HUMAN-COMPUTER INTERACTION*
  Klemmer, S. R., Everitt, K. M., Landay, J. A.
  2008; 23 (2): 138-213

- **The mobile sensing platform: An embedded activity recognition system** *IEEE PERVASIVE COMPUTING*
  Choudhury, T., Consolvo, S., Harrison, B., LaMarca, A., LeGrand, L., Rahimi, A., Rea, A., Borriello, G., Hemingway, B., Klasnja, P. P., Koscher, K., Landay, J. A., Lester, et al
  2008; 7 (2): 32-41

- **Siren: Context-aware computing for firefighting** *2nd International Conference on Pervasive Computing*
  Jiang, X. D., Chen, N. Y., Hong, J. I., Wang, K., Takayama, L., Landay, J. A.
  SPRINGER-VERLAG BERLIN.2004: 87–105