Andrea Stevenson Won

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EDUCATION

2011-present	Stanford University Ph.D. Communication (expected, 2015)	STANFORD, CA
2005-2007	Duke University Anaplastology Clinic Internship, clinical anaplastology	DURHAM, NC
2004-2005	UIC Maxillofacial Prosthetics Clinic Internship, clinical anaplastology	CHICAGO, IL
2003-2005	University of Illinois at Chicago (UIC) M.S. Biomedical Visualization	CHICAGO, IL
1991-1996	University of Kansas B.F.A. Sculpture	LAWRENCE, KS

OTHER RESEARCH EXPERIENCE

2011-present	Stanford University, Communication Department Research Assistant/Project Manager	STANFORD, CA
2008-2011	Duke University Visualization Technology Group Affiliate consultant on visualizations and immersive installations	DURHAM, NC
2005-2011	Biomodal LLC Owner/CEO Designed and created custom digital and physical biomedical models for clinical testing, research and patient care.	RALEIGH, NC
2004-2005	University of Illinois at Chicago Research Assistant Designed and created biomedical models for virtual reality and physical interfaces.	CHICAGO, IL
2003-2004	American Museum of Natural History Exhibitions Preparator Researched, designed and created marine animal models for Milstein Hall of Ocean Life	NEW YORK, NY

JOURNAL ARTICLES (Published and under review)

Won, A. S., Lee, J.D., Bailenson, J. N., Lanier, J. (In press). Homuncular Flexibility in Virtual Reality. *Journal of Computer-Mediated Communication*

Won, A. S., Bailenson, J. N., Janssen, J. H. (2014). Automatic Detection of Nonverbal Behavior Predicts Learning in Dyadic Interactions. *IEEE Transactions on Affective Computing, 5*(2), 112 – 125.

Won, A. S., Bailenson, J. N., Stathatos, S.C., Dai, W. Q. (2014). Automatic Detection of Nonverbal Behavior Predicts Creativity in Collaborating Dyads. *Journal of Nonverbal Behavior, 38*(3), 389 – 408.

Won, A. S., Collins, T. A. (2012). Non-Immersive, Virtual Reality Mirror Visual Feedback for Treatment of Persistent Idiopathic Facial Pain. *Pain Medicine, 13*(9), 1257 – 1258.

Won, A. S. (2006). Three Methods of Generating Digital Models for a Virtual Reality Model of the Nose. *Journal of Biocommunication, 32*(1), 9 – 15.

Won, A. S., Tataru, C. A., Cojocaru, C.A., Krane, E. J., Bailenson, J. N., Niswonger, S., Golianu, B. A Pilot study of Virtual Reality for the Treatment of Pediatric CRPS. *Under Review*

OTHER PEER-REVIEWED WORK

Won, A. S., Haans, A., Bailenson, J. N. & IJsselsteijn, W. A. (2014). A Framework for Interactivity and Presence in Novel Bodies. In G. Riva, J. Waterworth, and D. Murray (eds.), *Interacting with Presence: HCI and the Sense of Presence in Computer Mediated Environments*, De Gruyter Open, Warsaw, Poland.

Won, A. S., Bailenson, J. N., Lanier, J. (in press) Homuncular Flexibility: The Human Ability to Inhabit Nonhuman Avatars. In R. A. Scott and S. M. Kosslyn (eds.), *Emerging Trends in the Behavioral and Social Sciences*, Hoboken, NJ, John Wiley and Sons, Inc.

Won, A. S., Bailenson, J. N. (2011). Using the Microsoft Kinect to Capture Nonverbal Behavior to Predict Task Performance. In S. Jones (ed.), *Communication @ the Center*, New York, NY: Hampton Press.

PRESENTATIONS AND INVITED TALKS

Won, A. S., Friend, M. E., Perone, B., Bailenson, J. N. Identifying Feelings of Threat through Tracked Head Movements in A Virtual Classroom. *Under Review*

Won, A. S. (2013). Diverse Perspectives on Presence and Telepresence: Research, Theory and Application. *Panel presentation at the International Communication Association's 63rd Annual Conference, June 17-21, London, UK.*

Won, A. S. (2013). Embodied, Gesture-based Learning: Using the Kinect Sensor for Education. *Panel presentation at the American Education Research Association Annual Conference, April 27-May 1, San Francisco, CA, USA.*

Won, A. S., Yu, L., Janssen, J. H., Bailenson, J. N. (2013). Automatic Detection of Nonverbal Behavior Predicts Learning in Dyadic Interactions. *Paper presentation at the International Communication Association's 63rd Annual Conference, June 17-21, London, UK.*

Won, A. S., Yu, L., Janssen, J. H., Bailenson, J. N. (2012). Tracking Gesture to Detect Gender. *Proceedings of the International Society for Presence Research Annual Conference. October 23-26, Philadelphia, PA, USA.*

Won, A. S., Bailenson, J. N. (2012). Avatar Self-identification as a Cognitive Metric of Self-presence. *Proceedings of the International Society for Presence Research Annual Conference. October 23-26, Philadelphia, PA, USA.*

Bailey, J., Bailenson, J. N., **Won, A. S.**, Flora, J., & Armel, K. C. (2012). Presence and Memory: Immersive Virtual Reality Effects on Cued Recall. *Proceedings of the International Society for Presence Research Annual Conference. October 23-26, Philadelphia, PA, USA.*

Won, A. S., Bailenson, J. N. (2011). Automatically Detecting Body Movements to Visualize Mental States. *Poster presentation at the Gordon Research Conference: Visualization in Science and Education, July 10-15, Bryant University, RI, USA.*

Marcus, J.M., **Won, A.S.**, Walsh, M.D. (2010). Aesthetic Principles for Complete Cleft Septorhinoplasty. *Paper presentation at the American Society for Aesthetic Plastic Surgery Annual Conference, April 22-27, Washington, DC, USA.*

Won, A. S. (2009) Beyond Anaplastology. *Paper presentation at the Association of Medical Illustrators Annual Conferenc*e, July 29 - August 1, Richmond, VA, USA.

Won, A. S. (2008) Custom Port-A-Cath Plates. *International Anaplastology Association Annual Meeting, Atlanta, GA, USA.*

Won, A. S. (2008) Facial Reconstruction. *Duke University Visualization Friday Forum*.

Won, A. S. (2005) Digital Facial Reconstruction. *African Science Research Institute Second Annual Awareness Symposium*.

TEACHING EXPERIENCE

Summer 2014	Stanford University Instructor (designed and taught summer course) Communication 100S: Self Representation in Digital Media	STANFORD, CA
Spring 2013	Stanford University Teaching Assistant/Section Leader Communication 108: Media Processes and Effects	STANFORD, CA
Summer 2013	Raising Interest in Science and Engineering (RISE) Internship Program Graduate Student Mentor for a high school student from underrepresented or disadvantaged communities interested in STEM fields on an original research project and poster presentation.	STANFORD, CA
Fall 2012	Stanford University Teaching Assistant/Section Leader Communication 168: Virtual People	STANFORD, CA
Summer 2012	Raising Interest in Science and Engineering (RISE) Internship Program Graduate Student Mentor	STANFORD, CA
Fall 2009	Duke University Guest Lecturer- Visual Cultures of Medicine- culture of prosthetics	DURHAM, NC
2008, 2009	North Carolina State University Guest Lecturer - Biomedical Models	RALEIGH, NC
Spring 2004	University of Illinois at Chicago Teaching Assistant/Substitute Instructor 3D Models and Simulators	CHICAGO, IL

SCHOLARSHIPS AND AWARDS

2012 Top Paper Award for International Society for Presence conference. **Won, A. S.**, Bailenson, J. N.

2010	Aesthetic Principles for Complete Cleft Septorhinoplasty Marcus, J.M., **Won, A.S.**,Walsh, M.D. Best Presentation, American Society for Aesthetic Plastic Surgery
2007	Virtual Eye/Virtual House, Rasmussen, M. and team; The Dr. Frank H. Netter Award for Special Contributions to Medical Education
2005	Vesalius Trust Research Grant "A New Method of Facial Reconstruction" Grant awarded on an annual basis based on scholastic achievement and project merit.
2005	Vesalius Trust Research Grant "A Digital Model of the Nose" Grant awarded on an annual basis based on scholastic achievement and project merit.
2003	UIC Board of Trustees Tuition Waiver Grant awarded by merit to two students yearly

AD HOC REVIEWING POSITIONS

2014	Neurocomputing
2014	ACM TOCHI
2013	ISPR (International Society for Presence Research)
2013	New Media and Society

PROFESSIONAL ORGANIZATIONS

2014 – present	Association for Computing Machinery
2011 – present	International Communication Association, Member
2005 – 2012	Association of Medical Illustrators, Member
2005 – 2011	International Anaplastology Association, Member, Secretary