

Chris M Bartlett

Human Factors - Service Design - Sculpture
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EDUCATION

Master of Industrial Design 2014-2017
Georgia Institute of Technology
Business & Service Model Design

Bachelor of Fine Art 2006-2011
Louisiana Tech University
3D Studio Art & Sculpture

PROFESSIONAL EXPERIENCE

Research Scientist 2017-Current
Georgia Tech Research Institute &
Schools of Industrial Design & Mechanical Engineering

Responsible for Human Factors engineering and applied research in the Human Systems Engineering Branch under Systems Engineering Research Division within Electronic Systems Laboratory. GTRI is an ISO 9001 Defense & Security research contractor primarily serving the war fighter with an established history in electronic warfare

Shared appointment with the Rehabilitation Engineering and Applied Research Laboratory. REAR Lab is a part of both Schools of Industrial Design and Mechanical Engineering. Primary research contributions are in physical and physiological human factors and strategic enterprise R&D with a concentration in human systems and service model innovation

Lab Technician 2011-2014
National Trenchless Technology Research Center

Applied research facility specializing in noninvasive underground utilities construction. Trenchless technology is the intersection of civil & mechanical engineering; examples are horizontal directional drilling, cast in place pipe lining, polymer & cementitious spray coats, and last mile fiber optic cable networks. Responsible for liner lab management and through put of third party product testing, project management, research methodology & experiment design

Owner/Operator 2009-2011
Turbo Goat Bicycle Shop

Sole proprietor of a \$150,000 annual gross brick and mortar bicycle shop. Moved the shop after purchasing from original founders to foster a cohabited art gallery and cultural venue. Hosted several art exhibitions, concerts, poetry readings, and bicycle shows, selling several thousand dollars in art through the venue; it was highly successful. Exited for profit in 2011 to pursue career in research & development

Master Fabricator 2006-2009
Hart Associates Furniture

Master metal fabricator for custom lighting design company. Primarily manual processes manufacturer of designer commercial & residential lighting & accent furniture. Responsible for interpreting conceptual drawings, product & process development, creating assembly jigs & fixtures, MIG/TIG/SMAW welding, brass brazing, high craft finishing & surface treatments

PUBLICATIONS

Foster, A., Bartlett, C., Baranak, A., Fain, B., Shultz, S., Denham, M. *Design and Evaluation of the Usability and Utility of an MRI Training System for Children with Autism Spectrum Disorder.* poster presented at Southeastern Pediatric Research Conference: Precision Medicine, in Atlanta, GA, June 8, 2018

Sayam, S., Bartlett, C., Yan, X., Aaron, S., Allouche, E., Gunsaulis, F. *Evaluation of Compaction Reaming Process and Assessment of Associated Reduced Drilling Fluid Usage During Horizontal Directional Drilling* presented at the North American Society for Trenchless Technology (NASTT) NASTT's 2015 No-Dig Show Denver, Colorado

Roy, A., Bartlett, C., Alam, S., Allouche, E. *Advanced Non-Intrusive Duct Lining Technology for Rehabilitation of Deteriorated Ducts in Residential Buildings* presented at the American Society of Heating and Air-Conditioning Engineers (ASHAE) Annual Conference 2014, Seattle, WA

Hassan, K., Alam, S., Bartlett, C., Allouche, E. *Experimental Investigation of Soil-Pipe Friction Coefficients for Thermoplastic Pipes Installed in Selected Geological Materials.* presented at the North American Society for Trenchless Technology (NASTT) NASTT's 2014 No-Dig Show Orlando, Florida

Shaurav, A., Allouche, E., Bartlett, C., Sherpa, A. *Experimental Evaluation of Soil-Pipe Friction Coefficients for Coated Steel Pipes.* presented at American Society of Civil Engineers Pipelines Conference 2013

PUBLIC ART & EXHIBITIONS

MillerCoors + Atlanta Braves sculpture commissioned by MillerCoors Sustainability Marketing group and installed at Suntrust Park in Atlanta, GA 2017-present

Do Not Feed the Wildlife! awarded grant for Art on the Atlanta Beltline public art exhibition installed on prominent shared use path in Atlanta, GA 2015

Pedal Power Furniture interactive kinetic sculpture for Atlanta Maker Faire exhibited in Atlanta, GA 2014 & 2015