

JEFF FENG

2012 - 2017

CURRICULUM VITAE

JEFF F. FENG AUGUST 2017

Assistant Professor

Gerald D. Hines College of Architecture and Design, University of Houston
4200 Elgin Street, Houston, TX 77204-4000, ffeng@uh.edu • 832-842-3011

01 PROFESSIONAL QUALIFICATIONS

EDUCATION

2001	M.F.A. Industrial Design School of Arts and Design, University of Illinois at Urbana-Champaign, IL, USA
1995	M.A. Industrial Design Academy of Arts and Design Tsinghua University, Beijing, China
1992	B.S. Industrial Design Beijing Institute of Technology, Beijing, China

02 ACADEMIC APPOINTMENTS

2012 – Present	University of Houston Gerald Hines College of Architecture and Design Assistant Professor
2013 – Present	Beijing Institute of Technology School of Design and Arts Visiting Professor

03 PROFESSIONAL EXPERIENCE

2005 – 2012	Metaphase Design Group Inc. St. Louis Missouri Design Director
2002 – 2005	Metaphase Design Group Inc. St. Louis Missouri Senior Designer
1996 – 1999	Beijing Orbit Industrial Design Ltd. Beijing, China Manager in industrial design

04 RESEARCH, SCHOLARSHIP AND CREATIVE WORK

PUBLICATIONS

** indicates Peer Review; ** indicates Blind Peer Review.*

JOURNAL ARTICLES

- 2014** Feng, J. "A Forgotten World – Under Addressed Occupational Therapeutic Device Design", the International Journal of Aging and Society, Vol. 4, Issue 1, 2014.
- 2017** Feng, J. "A Value-Driven Partnership: Pursuing Long-term Collaboration", the International Journal of Design Principle and Practice, 2017. (Work in progress, typesetting)
- 2017** Feng, J. "Cultivating Creativity Through Empathy: An Framework in Design Studio Teaching", IDSA/Eastman Education Symposium 2017.

Under Blind Peer-Reviewed Articles

- 2017** Feng, J. "A Study of the Arthritic Impact on Activities of Daily Living (ADLs) of Older Adults", the International Journal of Aging and Society, 2017.
- 2017** Feng, J. "Calibrate Design Innovation through an Entrepreneurial Lens: A Lessons through A Deep-Dive Customer Inquiry", the International Journal of Design Principle and Practice, 2017.
- 2017** Dorribo Camba, Jorge., Feng, J., Kwon, EunSook. "Interactive Experiences in Public Spaces: A Novel Floor Display System Based on Luminous Modular Units", Institute of Electrical and Electronics Engineers (IEEE), 2017.

INVITED ARTICLE

- 2016 Feng, J, Chao, Gong. "Research and Breakthroughs in Design for Aging", Art News of China, July, 2016.
- 2015 Feng, J. "A little more challenge: An Exchange between Academia and Industry", NCBDS 31, February 2015.

CONFERENCE PRESENTATIONS

- 2018* Dorribo Camba, Jorge., Feng, J., Kwon, EunSook. "Interactive Experiences in Public Spaces: A Novel Floor Display System Based on Luminous Modular Units", The Hawaii International Conference on System Sciences - HICSS 51, 2018. (Accepted)
- 2017* Feng, J. "Cultivating Creativity Through Empathy: An Framework in Design Studio Teaching", IDSA/Eastman Education Symposium 2017.
- 2017* Feng, J. "A Stage-specific Design Approach: A Study of Assistive Devices for the Elderly with Physical Disabilities", Aging & Society: Seventh Interdisciplinary Conference, 2017. (Accepted)
- 2017** Feng, J. "Immersion Learning to Creative Thinking: An Experimental Design Studio in a Collaborative Context", Learn X Design 2017, London UK. (Accepted)
- 2016 Feng, J, Gong Chao, "Research and Breakthroughs in Design for Aging", Asian Design for Aging Forum 2016, BIT China.
- 2016* Feng, J. "Value Searching and Building - Foster a long-term relationship with industry partners", 10th International Design Principle and Practice Conference, February 2016.

- 2015* Feng, J. "Empowering the Elderly People in an Independent Living through Design", the 5th International Aging Conference, November 2015.
- 2015* Feng, J. "Beyond a Typical Design Studio: An Unusual University-Industry Collaboration" 9th International Design Principle and Practice Conference, March 2015.
- 2014 Feng, J. "Innovation + Realization", 'New Vision International Design Forum' at Beijing China, November 2014.
- 2013 Jeff F. Feng, "Occupational Therapeutic Device Research and Design", the 3rd International Aging Conference, November 2013.
- 2013 Jeff F. Feng, "Improving Elderly American's Quality of Living through Design – One Project at a Time.", IDSA Southern District Conference, April 2013.
- 2013 Jeff F. Feng, "Function & Emotion, Discovering the True Value in Design" at School of Design and Arts, Beijing Institute of Technology in Beijing China, June 2013.
- 2013 Jeff F. Feng "Introduction of the Present and Future Development of Contemporary Industrial Design.", Tsinghua University, Beijing China, June 2013.

PUBLISHED CREATIVE WORK

- 2014 "Wonders of Modern Medicine+More", Innovation Magazine, Summer 2014. P56.
- 2014 "PERSONA Surgical Instruments for total knee replacement for ZIMMER", Appliance Design Magazine. June, 2014.
- 2014 The Medtronic 'POWEREASE' system, Innovation Magazine, Fall 2014. P125.
- 2013 M616 Container for Anchor Packaging Inc. PACK EXPO. Fall 2103.
- 2013 "Hamilton Beach Professional - 2013 Outdoor Series Grill", Innovation Magazine, Spring 2013. P58.
- 2012 "Kamado professional grill.", Innovation Magazine, Spring 2012.
- 2012 "Grill Station 5_Burner Gas Grill for Hamilton Beach", Appliance Design Magazine, June 2012. P27
- 2011 "Integrated Power Console (IPC) for Medtronic Surgical Technologies.", Innovation Magazine, Spring 2012.
- 2011 "Yurbuds ironman earphone series.", Innovation Magazine, Spring 2011.
- 2010 "Hydrodebrider System for Medtronic ENT.", Appliance Design Magazine, June 2010. P21
- 2007 "The Portable Workspace", Metropolis Magazine, April 2007.

RECENT PATENTS

- 2017 January 17th 2017, US 9545749 B2
“Assistive Pouring Device for People with Arthritis and Others.” (Role: PI)
- 2016 December 2016, Application number: US 29/586,692, US 62430,628,
“Physical Disability Related Assistive Devices” (Role: PI).
- 2016 February 2016, US D749913 S1
“Assistive Pouring Device for People with Arthritis and Others.” (Role: PI)
- 2014 August 2014, Application number: USD712031 S1
“Electrosurgical controller.” (Role: Principle Designer)
- 2013 March 2013. United States Patents D678.868
“Ear bud adapter” (Role: Principle Designer)
- 2013 March 2013. United States Patents D678.858
“Behind the Neck Wireless Headset” (Role: Principle Designer)
- 2013 January 2013. United States Patents D675.530
“A new ear bud adapter” (Role: Principle Designer)
- 2013 Feb. 2013 United States Patents D654.057
“A new ear loop” (Role: Principle Designer)
- 2013 Feb. 2013 United States Patents D670.538
“A new handle for cooking utensils” (Role: Principle Designer)

GRANTS AND CONTRACT AWARDS

- 2017 “A Healthcare Design Innovation Lab”, VentureWell’s special Spring 2017 Faculty Grant, role: **PI**. Aug. 2017 – Oct. 2018, \$10,000.
- 2016 “A Therapeutic Lighting Table Design for Alzheimers”, work under ID+ of the College of Architecture and Design, role: **PI** and students’ advisor. June. 2016 – Jan. 2017, \$16,000.
- 2015 “enPour - an Assistive Pouring Device for Enhanced Control and Minimized Effort”, National Science Foundation I-CORPS Award, role: **PI**. Jan. 2016 - Oct. 2016, \$50,000.00.
- 2015 “enLiving - Design for people with Arthritis and disabilities”, National Science Foundation I-CORPS Southwest regional Node, role: **PI**. Oct. 2015 – Nov. 2015, \$1,500.00.
- 2014 “Further Development of A Pouring-Aid Device for People with Arthritis”, role: **PI**, UH SGP, Jan. – Aug. 2015, \$3,000.
- 2013 “Green Street Lighting Exploration”, Sponsored project, role: **Project lead** and instructor, Sept.-Dec. 2014, \$5,000.
- 2013 “Wilsonart Challenge Design Competition”, sponsored project, role: **Project lead** and instructor, Sept. 2013 – June 2014, \$16,000.

- 2013 Design and development of the Center Branding System for Asian American Studies Center in University of Houston, role: **PI**, Nov. 2013, \$1,500.
- 2013 “Improve the Daily Living of People with Arthritis through Research and Design”, New Faculty Research Grant, UH., role: **PI**, Feb. 2013 – Nov. 2013, \$6,000.

HONORS AND CREATIVE DESIGN AWARDS

- 2016 “The Significant Achievement Award”, University of Houston, 2017. Role: PI.
- 2016 “2016 New Research Grant Award”, University of Houston. Role: PI.
- 2014 “Zimmer PERSONA® Surgical Instruments for Total Knee Arthroplasty”, IDEA Award, Bronze. Role: Primary Designer, the Design Director at Metaphase Design Group Inc.
- 2014 “Zimmer PERSONA® Surgical Instruments “, Appliance Design Excellence in Design Award, GOLD. Role: Primary Designer, the Design Director at Metaphase Design Group Inc.
- 2013 “Yurbuds Focus Limited Edition”, 2013 CES Innovation and Design Award. Role: Primary Designer, the Design Director at Metaphase Design Group Inc.
- 2013 “The Winner of the Logo Design Competition for Asian American Study Center”, Asian American Study Center at UH.
- 2012 “Hamilton Beach Grill Station 5-Burner Gas Grill “, Appliance Design Excellence in Design Award. Role: Primary Designer, the Design Director at Metaphase Design Group Inc.
- 2009 “Smith & Wesson 44 Magnum Safety Eyewear”, Good Design Award. Role: Primary Designer, the Design Director at Metaphase Design Group Inc.
- 2008 “Revlon Slant tip platinum tweezers “, Housewares Design Awards, Finalist: personal care. Role: Primary Designer, the Design Director at Metaphase Design Group Inc.
- 2008 “Revlon Expert Effect Polish Prep Nail Smoother”, Housewares Design Awards, Finalist: personal care. Role: Primary Designer, the Design Director at Metaphase Design Group Inc.
- 2007 “Stanley Contractors gloves”, Good Design Award. Role: Primary Designer, the Design Director at Metaphase Design Group Inc.
- 2007 “Revlon Expert effect pedicure tools “, ID magazine Annual Design Review, Honorable Mention. Role: Primary Designer, the Design Director at Metaphase Design Group Inc.
- 2006 “Medtronic M4 Microdebrider”, Medical Design Excellence Award, Silver. Role: Primary Designer at Metaphase Design Group Inc.
- 2006 “Medtronic M4 Microdebrider”, HFES 50th Anniversary Product Design Award (Human Factors & Ergonomics Society). Role: Primary Designer at Metaphase Design Group Inc.

-
- 2005 “Medtronic M4 Microdebrider”, Excellence in Design Award, best in category. Role: Primary Designer at Metaphase Design Group Inc.
- 2005 “Medtronic M4 Microdebrider”, IDEA Award, Silver. Role: Primary Designer at Metaphase Design Group Inc.
- 2004 “Medtronic M4 Microdebrider”, Good Design Award. Role: Primary Designer at Metaphase Design Group Inc.
- 2003 “Sears ERGO3 Computerized Sewing Machine”, Good Design Award. Role: Primary Designer at Metaphase Design Group Inc.
- 2000 “UV Wrappie (ultraviolet meter for tourist)”, Alessi Nomad Design Competition, First Prize. Role: Primary Designer.

Submitted unfunded proposals

- 2017 “Powered Assistive Technology Investigation: Application in Physical Disabilities”, NSF Small Business Innovation and Research (SBIR) award, role: **PI**, Dec. 2016. \$80,000.00.
- 2017 “An Interdisciplinary Lab Course between Industrial Design and Occupational Therapy Practice”, VentureWell Faculty Grant, role: **PI**, Nov. 2016, \$29,000.
- 2017 “A Highly Compact Powered System Platform for People with Disabilities”, RICE Business Plan Competition 2017, role: Advisor and Mentor. up to \$115,000.00.

SELECTED CITATIONS OF CREATIVE WORK

-
- 2016** “Headset controller”, USD771587 by Audio-Technica Corporation. Nov 15, 2016.
- “Wireless headset”, USD771588 by Lg Electronics Inc. Nov 15, 2016.
- “Earphone”, USD771013 by Shenzhen Soundsoul Information Technology Co., Ltd. Nov 8, 2016.
- “Portable vertical oven using vegetable or mineral charcoal, or wood.”, USD771429 by Antonio BURGOS GIMENEZ. Nov 15, 2016.
- “Earbud enhancer”, USD770426 by Harman International Industries, Incorporated. Nov 1, 2016.
- “A Bottle Design”, USD772071 by Pepsico, Inc. Nov 22, 2016.
- “Wireless headphones”, USD769220 by Harman International Industries, Incorporated. Oct 18, 2016.
- “Grill assemblies and interchangeable removable units for grill assemblies”, EP3066965A1 by Phase 2, LLC. Sep 14, 2016.
- “A Writing instrument”, USD763354 by Riteline LL. Aug 9, 2016.

“Endotracheal tube holder”, US9308340 by Dale Medical Products, Inc. Apr 12, 2016.

“Brewing tank”, USD764217 by Granmalt Ag. Aug 23, 2016.

“Wireless headset”, USD763227 by Lg Electronics Inc. Aug 9, 2016.

“Biomedical multifunction tester”, USD765258 by Fluke Corporation. Aug 30, 2016.

“Headphones”, USD764436 by Bose Corporation. Aug 23, 2016.

“Vented chimney cap assembly”, US9392905 by Smokeware.Net Llc. Jul 19, 2016.

“Bracket assembly”, USD761959 by Stryker European Holdings, I, Llc. Jul 19, 2016.

“Fuel efficient grill for direct and indirect cooking”, EP3033977A1 by Weber-Stephen Products, LLC. Jun 22, 2016.

“Switch box”, USD758590 by Baylis Medical Company Inc. Jun 7, 2016.

“Cooker”, USD755557 by Academy, Ltd. May 10, 2016.

“Food container”, USD755579 by Jingdong Wu. May 10, 2016.

“Violin cushioning device”, USD754246 by Shannon Tang. Apr. 19, 2016.

“Skin tag tweezer”, USD749729 by Cool Renewal, LLC. Feb 16, 2016.

“Electrosurgical generator”, USD748803 by Covidien Lp. Feb 2, 2016.

“Aerodynamic tire valve cap, toy and/or replica”, USD749500 by Matthew Merzig. Feb 16, 2016.

“Console”, USD748805 by Matthew N. Wolfson. Feb 2, 2016.

“Food cooker”, USD747909 by Lee SIMMS II John. Jan 26, 2016.

“Barbecue grill”, USD747620 by Kiosky Chung. Jan 19, 2016.

2015

“Tray assembly”, USD744327 by Direct Pack Inc. Dec 1, 2015.

“Air pulsating generator”, USD742013 by Electromed, Inc. Oct 27, 2015.

“Earmolds”, US9161114 by Treefrog Developments, Inc. Oct 13, 2015.

“Foot cleaning device”, USD740490 by Yvonne Antonia Roberts. Oct 6, 2015.

“Combination tweezer and knotter for beading”, USD738611 by Dpg Usa Inc. Sep 15, 2015.

“Set of nesting storage lids”, USD735524 by Joseph Joseph Ltd. Aug 4, 2015.

“Exfoliating brush head for a personal care appliance”, US9107486 by L'oreal. Aug 18, 2015.

“Generator for medical treatment devices”, USD736933 by Covidien Lp. Aug 18, 2015.

“Skin care device”, USD736392 by Amorepacific Corporation. Aug 11, 2015.

“Lid for a container”, USD734980 by Kraft Foods Group Brands Llc. Jul 28, 2015.

“Cover for a microwave container”, USD732886 by Dart Industries Inc. Jun 30, 2015.

“Tweezers”, US20150148840 by Richard Walter Francis. May 28, 2015.

“Skin smoothing implement on application of Exfoliating brush head for a personal care appliance”, US9107486 by L’oreal. Mar. 15, 2015.

“Metal basket fitting inside kamado grills for removing charcoal”, US8973758 by John Norman Nunnery. Mar 10, 2015.

“Plastic container having reinforced gripping structure”, US8985362 by Graham Packaging Company, L.P. Mar 24, 2015.

2014 - 2010

“Spinning grill apparatus and method”, US20140377431 by Bijan M. Kazerouni. Dec 25, 2014.

“Controller for earbuds and earphones”, USD717275 by Verto Medical Solutions, LLC. Nov 11, 2014.

“Hair removing devices”, WO2014188152A2 by Nahid Sultana. Nov 27, 2014.

“Metal basket fitting inside kamado grills for removing charcoal”, US20140319027 by John Norman Nunnery. Oct 30, 2014.

“Tray with ribs configured for redirecting compressive loads”, US8794440 by Kraft Foods Group Brands Llc. Aug 5, 2014.

“Manually operated surgical devices with operative portions formed of a see-through material”, US20140058425 by Amir Porat. Feb 27, 2014.

“A Writing instrument”, USD695342 by Senator Gmbh & Co. Kгаа. Dec 10, 2013.

“Nit stripping device and method”, US8474176 by Amy Shelton. Jul 2, 2013.

“Food cooker”, USD668096 by Simms li John Lee. Oct 2, 2012.

“Cleaning apparatus with fastening device”, US8261759 by Alfred Kaercher Gmbh & Co. Kg. Sep 11, 2012.

“Easy to start heating apparatus at any attempt without need for flammable fluid and blowing”, US20100192936 by Ramadan Gokturk. Aug 5, 2010.

SYMPOSIA AND PANELS

- 2016 'Made/Unmade' Houston Technology, Fabrication, and Design Exhibition Review Committee, Nov 2016.
- 2014 The International Journal of Design Principle and Practice Review Committee, 2014 - present.
- 2014 IDSA International Design Conference Education Symposium Review Committee, 2014 - present.
- 2014 The International Journal of Aging and Society Review Committee, 2014 - present.

EXHIBITIONS

- 2016 "A Therapeutic Lighting Table Design for Alzheimers", ID+Community Design Exhibition at the College of Architecture and Design, UH. Role: **PI** and students' advisor, Dec. 2016 - Jan. 2017.
- 2015 "An Interactive Floor Display Tile System Based on Luminous Modular Units", ID+Green Design Exhibition at the College of Architecture and Design, UH., role: **PI** and students' advisor, Dec. 2015 - Jan. 2016.

05 TEACHING

EXHIBITION AND AWARDS OF STUDENT WORK

- 2015 CORE77 Open Design Student Notable Award. "Give Me Shelter", Chris Peterson. INDS 4501 Senior Thesis Studio.
- 2015 James Dyson Student Design Award. "Uplift", Hong Yen Loftin. INDS4500 Senior Studio.
- 2014 "Red Dot: **Best of the Best**" International Design Award, "Uplift", Hong Yen Loftin. INDS4500 Senior Studio.
- 2014 "Red Dot: Best Design Concept" International Design Award, "Manta", Andrea Novoa. INDS4501 Senior Thesis.
- 2014 International Design Excellence Award (IDEA) Finalist. "Serene", Manuel Garzon. INDS 2501 Design Studio.
- 2015 "Women in ID" San Francisco Design Week Exhibition. "Manta", Andrea Novoa. INDS4501 Senior Thesis.
- 2014 International Contemporary Furniture Fair 2014, New York. Seven students' work: Jenny Trieu, Aaron Ross Mceuen, John Daniel Proffitt, Carrah Marie Kaijser, J, Abizer raja, Paulina Seng, Arturo Barrera. INDS2500 Design Studio.

NEW COURSE DEVELOPMENT

- 2017 Interdisciplinary Graduate Studio with a Healthcare/Medical Concentration. INDS 6360. the University of Houston, the College of Architecture and Design; Texas Woman's University.
- 2014 Advanced 3D Computer Visualization. INDS6330. the University of Houston, the College of Architecture and Design.
- 2015 INDS 3397/6397 Northeast Asia Art & Design
Collaborated with Professor Kwon in summer 2015 study abroad program
- 2015 INDS 3500/4500 Study Abroad Combined Design Studio
Collaborated with Professor Wells in summer 2015 Study Abroad Program

COURSES BY ACADEMIC YEAR

- 2017 INDS 1501 Freshmen Design Studio
INDS 6360 Interdisciplinary Graduate Studio
INDS 6298 Independent Study on Entrepreneurship Development
- 2016 INDS 2341 CAID I for the beginner level
INDS 2501 Second Year Second Design Studio
INDS 2500 Second Year First Design Studio
INDS 6330 Advanced 3D Computer Visualization (Lecture + Lab)
INDS 4198 Independent Study on Design Principles
- 2015 INDS 3500 Third Year First Design Studio
INDS 6330 Advanced 3D Computer Visualization (Lecture + Lab)
INDS 3397/6397 Northeast Asia Art & Design. Collaborated with Professor Kwon in Summer 2015 Study Abroad Program
- INDS 1501 Freshmen Design Studio
INDS 2340 Computer Aided Design I (Lecture + Lab)
INDS 4198 Independent Study on Design Principles
- 2014 INDS 3500 Third Year First Design Studio
INDS 6330 Advanced 3D Computer Visualization
INDS 6397 Select Topic (Lecture)
ARCH 1501 Freshmen Design Studio
INDS 2341 CAID I (Lecture + Lab)
INDS 4501 Senior Thesis, co-teaching with Prof. Adam Wells
- 2013 INDS 2500 Sophomore First Design Studio
INDS 3340 Computer Aided Design II (Lecture+Lab)
INDS 2501 Sophomore Second Design Studio
INDS 2341 Computer Aided Design I (Lecture + Lab)
INDS 4501 Senior Thesis, co-teaching with Prof. EunSook Kwon
- 2012 INDS 4500 Senior Design Studio
INDS 3340 Computer Aided Design II (Lecture+Lab)

	Beijing Institute of Technology
2016	Graduate Design Studio Workshop on Design for Aging
2015	Graduate Design Studio Workshop on Design for Aging
2014	Undergraduate Design Studio Workshop on Consumer Electronics

06 SERVICE

The Gerald D. Hines College of Architecture and Design

2013-2015	Member of the College Undergraduate Steering Committee
2016-present	
2016-present	Member of the Faculty Development leave Committee
2015-Present	Member of the Faculty Application Review Committee

The University of Houston

2015-present	Member of University Sustainability Committee
2014-present	Member of Study Abroad Scholarship Review Committee

Professional Societies

2017	Elsevier Advisory Panel. (ELSEVIER Research Applications & Platform)
2014-present	IDSA International Design Conference Educational Symposium Peer-review Committee
2014-present	The International Journal of Aging and Society Peer-review Committee
2014-present	The International Journal of Design Principle and Practice Peer-review Committee