

KARL BAUMANN

CURRICULUM VITAE

CURRENT CITY:
San Francisco, CA

EMAIL:
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EDUCATION

Ph.D. Media Arts + Practice, University of Southern California, 2018
M.F.A. Digital Arts New Media, University of California, Santa Cruz, 2010
B.A. *Magna cum laude* in Film Studies, Cultural Anthropology minor, The Ohio State University, 2008

RESEARCH/DESIGN LABS

D-Ford Mobility Lab (Senior Interaction Designer)	2018-Present
Intel Global Production Lab (Content Editor)	2017
Google News Lab (VR Research Author)	2017
Leimert Phone Company (Co-Founder)	2012-2019
Annenberg Innovation Lab (Participatory Designer)	2012-2018
World Building Media Lab (UX Designer)	2013-2016
Media Activism and Participatory Politics (Research Assistant)	2013-2015
Mobile and Environmental Media Lab (UX Designer)	2012-2015

SCHOLARSHIPS, GRANTS, AND AWARDS

USC Graduate School Final Year Fellowship (\$61,700)	2017-2018
Jaunt VR Advanced Project Grant (\$6,500)	2017-2018
Annenberg Fellowship (\$61,700/year)	2012-2017
Sidney Harmon Polymathic Institute Fellowship (\$15,000)	2015-2016
Porter Associate Fellow Graduate Arts Research Grant (\$2,500)	2009-2010
UC Berkeley Human Rights Center Fellowship (\$4,000)	2009
Florence French Fellowship, Twice Awarded (\$3,000)	2009/2010
Ohio State Undergraduate Honors Research Grant (\$2,500)	2007-2008
Ohio State International Affairs Grant (\$1,700)	2007-2008

CONFERENCE PRESENTATIONS, WORKSHOPS AND INVITED TALKS

Guest Lecturer, “Anticipatory Design: Collaboratively Building the Future with Communities and Corporations,” *Design Field Notes (Virtual)*, UC Berkeley, September 14, 2020.

Organizer and Presenter, “Urban Mobility Futures,” *Speculative Futures*, IDEO Pier 28, San Francisco, California, December 12, 2019.

Guest Lecturer, “Prototyping the Future through Storytelling,” *Design Innovation: Design, Mobility, and Cybersecurity*, UC Berkeley, August 5, 2019.

Presenter, “Infrastructures of the Imagination: Towards an Anticipatory Urban Design,” Gehl Architects and Urban Consulting, San Francisco, California, April 5, 2019.

Co-Facilitator, "The Future of Streets: A Human-Centered Approach," *City Robotics*, Massachusetts Institute of Technology (MIT), September 17, 2018.

Presenter, "Participatory Design Fiction: Community Storytelling for Speculative Urban Technologies," **Winner of Best Design Study**, *CHI Video Showcase*, Montreal, QC, April 25, 2018.

Guest Lecturer, "Participatory Design and Community-Engaged Art," *Media Arts + Practice: Digital Art*, University of Southern California, November 20, 2017.

Panel Presenter & Organizer, "Public Technologies for our Urban Future," *LA CoMotion*, Los Angeles, CA, November 19, 2017.

Co-Facilitator, "Zero Economic Citizen in 2045: A World Building Exercise," *Human Autonomy in the Age of Automation Conference*, Stanford University, Palo Alto, CA, November 3, 2017.

Co-Facilitator & Organizer, "Sankofa City Summer School," *The Grey Center for Arts and Inquiry Workshop Series*, University of Chicago, August 18-26, 2017.

Presenter, "Infrastructures of the Imagination: Community Design for Speculative Urban Technologies," *8th International Conference on Communities & Technology*, Troyes, France, June 30, 2017.

Panel Presenter & Organizer, "Shared Futures: Practices and Methods of Speculative Design, World Building, Design Fiction and Participatory Design," *AIGA Converge: Disciplinarity and Digital Scholarship*, Los Angeles, CA, June 3, 2017.

Co-Presenter, "Creative Placemaking for Neighborhoods: Positioning a Game to Circulate Stories," *67th International Communications Association Conference*, San Diego, CA, May 29, 2017.

Presenter, "Designing in Constellations: Sustaining Participatory Design for Neighborhoods," *14th Participatory Design Conference*, Aarhus, Denmark, August 15, 2016.

Presenter/Facilitator, "Hybrid Games for Stronger Neighborhoods: Connecting Residents and Urban Objects to Deepen the Sense of Place," *14th Participatory Design Conference*, Aarhus, Denmark, August 15, 2016.

Guest Lecturer, "Global Capitalism: An Abbreviated Odyssey of Maximizing Profits," *Media Arts + Practice: Race, Gender, Class, and Technology*, University of Southern California, October 5, 2015.

Presenter, "Old Tech and New Spaces: Repurposing Payphones for Community Design," *21st International Symposium on Electronic Art*, Vancouver, BC, August 16, 2015.

Presenter/Facilitator, "Remaking Payphones, from African American Culture to Minimalist Technology," *Digital Media and Learning Conference 2015*, Los Angeles, June 13, 2015.

Presenter, "Urbanist Futures of Los Angeles: Designing the City Through Science Fiction," *USC Graduate Student Research Symposium*, Los Angeles, April 28, 2015.

Guest Lecturer, "Visualizing Los Angeles: Data vs. Myth," *Media Arts + Practice: Information Visualization*, University of Southern California, February 11, 2015.

Co-Presenter, "By Any Media Necessary," *2014 National Writing Project*, National Harbor, MD, November 20, 2014.

Guest Lecturer, “Afrofuturism: Diaspora, Dystopia, and Discovery,” *Media Arts + Practice: Race, Gender, Class, and Technology*, University of Southern California, November 11, 2014 and February 4, 2015.

Co-Facilitator, “Rilao District 1: Laoguna,” *Science of Fiction*, University of Southern California, Los Angeles, October 24-26, 2014.

Presenter, “The Leimert Phone Company,” *USC Graduate Student Research Symposium*, Los Angeles, March 27, 2014.

Presenter/Facilitator, “Phone Booths Against Gentrification,” *Allied Media Conference*, Detroit, June 21-23, 2013.

Presenter, “Retracing Urban Space: Activism, Play, and Ethics in Mobile/Ubiquitous Computing,” *Differential Mobilities: Movement and Mediation in a Networked Society*, Montreal, May 8-11, 2013.

Moderator, *Transmedia Forum*, University of Southern California, Los Angeles, April 11, 2013.

Guest Lecturer, “Occupy Media: Streaming, Jamming, and Hacking,” *Visual Culture and Technology: History of New Media, Film and Digital Media*, UC Santa Cruz, February 15, 2011.

Presenter, “*Livingverse*: Experiential Representations of Life in a Global Network Society,” *Talk 20*, Bohlin Cywinski Jackson, San Francisco, June 24, 2010.

Guest Lecturer, “Intervening Discourses: Personal Media and Historical Agency in Television Culture,” *Contemporary Issues in Television, Film and Digital Media*, UC Santa Cruz, May 6, 2010.

Presenter, “Living Video Memory and Rights in the Digital Landscape: Our Developing Relationship with Media Tools and Social Spaces,” *UC Human Rights Fellow Conference*, UC Berkeley, November 4, 2009.

Guest Lecturer, “Disrupting the Apparatus of Logic: Dadaism and Surrealism in Cinema,” *History of Art and Visual Culture*, UC Santa Cruz, April 15, 2009.

PUBLICATIONS AND ONLINE ARTICLES

Baumann, Caldwell, Bar, & Stokes, “Participatory Design Fiction: Community Storytelling for Speculative Urban Technologies,” *Video Showcase Extended Abstracts of the 2018 CHI Conference on Human Factors in Computing Systems*, April 25, 2018.

Stokes, Baumann, & Bar, “Placemaking Across Platforms: Playing to Circulate Stories in a Smart City,” *Institute for Computer Sciences, Social Informatics and Telecommunications Engineering*, LNICST 215, 2018.

Google News Lab, “Storyliving: An Ethnographic Study of How Audiences Experience VR and What That Means for Journalists,” *Google News Lab*, June 28, 2017.

Baumann, Stokes, Bar, & Caldwell, “Infrastructures of the Imagination: Community Design for Speculative Urban Technologies,” *Proceedings of 8th International Conference on Communities & Technology*, Troyes, France, June 26-30, 2017

Stokes, Baumann, & Bar, “Creative Placemaking for Neighborhoods: Positioning a Game to Circulate Stories,” *Proceedings of 67th International Communications Association Conference*, San Diego, CA, May 25-29, 2017.

Baumann, Stokes, Bar, & Caldwell, “Designing in Constellations: Sustaining Participatory Design for

Neighborhoods,” *Proceedings of 14th Participatory Design Conference*, Aarhus, Denmark, August 15, 2016.

Stokes, Baumann, Bar, & Caldwell, “Hybrid Games for Stronger Neighborhoods: Connecting Residents and Urban Objects to Deepen the Sense of Place,” *Proceedings of 14th Participatory Design Conference*, Aarhus, Denmark, August 15, 2016.

Baumann, “Old Tech and New Spaces: Repurposing Payphones for Community Design,” *Proceedings of 21st International Symposium on Electronic Art*, Vancouver, Canada, August 16, 2015.

Stokes, Bar, Baumann, & Caldwell, “Payphone Redesign as Neighborhood Planning: Physical Meets Digital City from the Bottom Up,” *Journal of Community Informatics*, Vol. 10, No. 3, 2014.

Baumann, Stokes, Bar, & Caldwell, “The Leimert Phone Company”, online article and video, *Digital Humanities, Public Humanities*, NANO, 2014.

Baumann & Dougan, “The Uncertain Future of the World Stage,” online article and video, *KCET Departures Series*, January 9, 2014.

Baumann, “Designing for Social Justice”, author and live respondent, *MediaCommons: A Digital Scholarly Network*, April 9, 2013.

SELECTED SCREENINGS AND EXHIBITIONS

The Getty Center’s “City of Artists” exhibit, “Sankofa City” video, Los Angeles, April 16, 2018.

Pan African Film Festival, “Sankofa City” video, Los Angeles, February 9, 14, and 19, 2018.

New York Times, 360 VR videographer for “A Nation Divided at Inauguration,” January 20, 2017.

New Urbanism Film Festival, **Winner of Best Active Transportation Film**, “DTLA Street Futures” video, Los Angeles, October 7, 2016.

/SKIN 2016/, exhibition of “Sankofa Red” payphone, LAMAG, Los Angeles, February 7-April 17, 2016.

Urban Visions: Art as Social Practice, exhibition of “Collaborative Urban Mapping” video, Los Angeles, September 23-October 6, 2015.

iMAPPENING 2015, exhibition of “Sankofa Says” video, “Priscilla” film, “Cat Call” film, and “Leimert Phone Company” video, April 30-May 5, 2015.

Indiecade 2014, “Sankofa Says” Urban History Game, Culver City, October 10-12, 2014.

iMAPPENING 2014, exhibition of “Sankofa Red” payphone, “Exospace” dome projection, “Cat Call” film, “Tactical Media” video, and “The Future of the World Stage” documentary, April 30-May 2, 2014.

Guggenheim Museum’s “Participatory City: 100 Urban Trends”, exhibition of “Collaborative Urban Mapping” video, New York, October 11-January 15, 2014.

State of the Art Festival 2013, exhibition of “Exospace” dome projection, Los Angeles, December 12, 2013.

Re-Imagining the Arroyo, “Exhibition from the Archives of the Historical Institute for Paratemporal Phenomena and Observations (HIPPO)” multimedia installation and performance, Pasadena, November 2-3, 2013.

Allied Media Conference Arcade, exhibition of “Building a Better Yesterday” game, Detroit, June 21-23, 2013.

Games + Learning + Society Conference, exhibition of “Visions of Aleph” game, Madison, June 13-16, 2013.

USC SCI Building Opening, exhibition of “Memory Cellars” interactive tour, Los Angeles, June 13, 2013.

iMAPPENING 2013, exhibition of “Daily Image”, “Divergent Shadows”, “Memory Cellars”, “Leimert Phone Company”, and “Visions of Aleph”, May 10-12, 2013.

Sundance Film Festival 2013, screening excerpts of “Occupy Oakland Series” as part of “Inequality for All”, Park City, UT, January 17-27, 2013.

Chartier Arts Opening, screening of “Divergent Shadows”, New Haven, CT, January-March, 2013.

Repercussions: Serious Games and Immersive Journalism, USC School of Cinematic Arts Main Gallery, showing of “Building a Better Yesterday” analog political game, November 14-17, 2012.

Artclash Collective’s Fun-A-Day, Rock, Paper, Scissors Collective, Oakland, CA, February 3-24, 2012.

24-Hour Film Race, The Roxie Theater, screening of “The Rainbow Sweater”, San Francisco, May 12, 2011.

Artclash Collective’s Fun-A-Day, Rock, Paper, Scissors Collective, Oakland, CA, February 4-18, 2011.

DocMiami International Film Festival 2010, screening of “Lebenverse: Living Video Memory” Miami, FL, May 28-30, 2010.

Mexico International Film Festival 2010, **Golden Palm Award for Student Film** for “Lebenverse: Living Video Memory,” Rosarito, Mexico, May 28-30, 2010.

Things That are Possible MFA Show, Digital Arts Research Lab, exhibition of “Livingverse” UC Santa Cruz, April 30-May 9, 2010.

Ohio Short Film & Video Showcase 2009, Wexner Center for the Arts, screening of “Leben91” Columbus, OH, May 9, 2009.

Global Issues and Politics, Universidad Iberoamericana, screening of “Mundos especulares (Mirror Worlds)” Mexico City, October 8, 2008.

Cultural Anthropology Forum, Ohio State University, screening of “Modern Madagascar” Columbus, OH, February 2008.

Art and Technology Showcase, Ohio State University, screening of “Children of Ted Turner and Rupert Murdoch”, Columbus, OH, December 2007.

Columbus in Focus screening, Wexner Center for the Arts, Columbus, OH, September 25, 2007.

RELATED PROFESSIONAL ACTIVITIES

Senior Interaction Designer, *Ford Greenfield Labs*
VR Research Author, *Google News R&D Lab*
Creative Content Editor, *Intel Global Production Labs*

July 2018-Present
Jan 2017 - June 2017
March 2017 – June 2017

Board Member, <i>Newtown Arts</i>	Dec 2015-July 2018
Scholar, <i>Humanities, Arts, Science, and Technology Advanced Collaboratory (Hastac)</i>	Sept 2009-July 2018
Fellow, <i>USC Sidney Harman Academy for Polymathic Study</i>	Aug 2015- June 2016
Assistant Director, <i>Center for a New Generation</i> afterschool program	Aug 2010-Aug 2012
Filmmaker/Member, <i>Scary Cow Independent Film Co-op</i>	June 2011-Aug 2012
Grant Writer/Filmmaker, <i>Reel Buckeye Film Production</i>	Sept 2005-March 2008

TEACHING EXPERIENCE

<i>University of Southern California, Los Angeles, CA</i>	
<u>Course Instructor</u>	Aug 2016-Present
IML 590: Community World Building	Fall 2016
(Developed and facilitated community design course for dissertation)	

<i>University of Southern California, Los Angeles, CA</i>	
<u>Teaching Assistant</u>	Aug 2013-Present
IML 222: Information Visualization	Spring 2015
IML 295: Race, Gender, Class and Technology	Fall 2014/Spring 2015/Fall 2015/Spring 2016
IML 400: Creative Coding for the Web	Fall 2014
IML 404: Tactical Media	Spring 2014
CNTV 101: Reality Begins Here	Fall 2013

<i>Center for a New Generation, East Palo Alto, CA</i>	
<u>Course Instructor</u> for Afterschool Program (K-8)	Aug 2010-Aug 2012
Video Production (Grades 4-8)	Winter & Spring 2011
Video Production (Grades 4-5)	Fall 2011
Comic Arts (Grades 2-6)	Fall 2010

<i>City of Walnut Creek, Walnut Creek, CA</i>	
<u>Course Instructor</u> for Civic Arts Adult Classes	June 2011-Aug 2011
<u>Course Instructor</u> for AAA Summer Program (K-9)	
HD Movie Making I (Grades 5-9)	Summer 2011
HD Movie Making II (Grades 5-9)	Summer 2011
Digital Storytelling (Grades 5-9)	Summer 2011
Digital Storytelling (Adult Class)	Summer 2011

<i>University of California, Santa Cruz, Santa Cruz, CA</i>	
<u>Teaching Assistant/ Head Teaching Assistant</u>	Sept 2008-Aug 2010
Film 185S: Advanced Topics: Film and the Atomic Bomb	Summer 2010
Film 20B: Television Culture and Society	Winter 2009/Spring 2010
Film 20P: Production Techniques	Winter 2010
Film 80S: Cinema and Rebellion	Fall 2009
HAVC 10G: Visual Culture: Europe (Antiquity-Modernism)	Spring 2009
Theater 10: Intro to Acting 1	Fall 2008

<i>Grupo de Intercambio Cultural, Buenos Aires, Argentina</i>	
<u>Volunteer Instructor</u> for Afterschool Programs in Low SES Neighborhoods	March 2008-June 2008

ADDITIONAL SKILL SETS

Languages

Spanish: conversational, efficient in reading and writing.

Software

Expertise: Premiere, Final Cut Pro, Avid, After Effects, Audition, Pro Tools, Soundtrack, Illustrator, inDesign, and Photoshop

Intermediate: Sketch, Figma, Unity 3D, iOS Developer, Maya, Inform 7, HTML, CSS, Max/Jitter/MSP, Processing, Arduino, Python for Raspberry Pi, Motion, Cinema 4D, and Flash

REFERENCES

François Bar
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Henry Jenkins
Provost Professor
School of Cinematic Arts/Annenberg School
Of Communication, USC
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Alex McDowell
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5D Global Studios/USC
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