

CHRISTOPHER M. CARRUTH | MS-ICTD + MFA

TECHNOLOGIST. ARTIST. EDUCATOR.

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BIO | SOBRE

I'm a technologist, artist, and educator with nearly 20 years of professional experience in higher education. As an educator, my prime focus is demystifying Computer Science concepts and skills including programming and integrating ethics across the curriculum. I've served as an advocate for ethical computing, student-centered research, and first-year/first-generation outreach. My creative work, research, and teaching spans these topics including creation and delivery of courses including computational reasoning, time-based media, design, and ethics education.

My creative practice is focused on acts of contemplation, and subversion, as both a means and end to reconnect with autonomy, a necessity given the complexities present in our increasingly mediated lives. Somatic experience, digital cultures, and the natural world are research subjects, while my methods of interaction, exploration, and engagement collapse into a research-based practice which itself formally resolves as time-based media, creative coding, poetics, performance, and new media. My teaching practice is informed by my art and vice versa. I split time between Boulder, CO, and Vancouver, BC.

ACADEMIC EXPERIENCE | EXPERIENCIA ACADEMICA

APPOINTMENTS

2022 - Present: Teaching Asst. Professor, Information Science | College of Media, Comm. and Information, CU, Boulder

2020*: Director of Digital Media Arts | Davis & Elkins College

2020*: Scholar in Residence, Design (APRD) | College of Media, Communication, and Information, CU, Boulder

2015 - 2019: Instructor, Creative Technology and Design Program | ATLAS Institute, CU Boulder

2013 - 2015: Lecturer, Technology, Arts, and Media Program | ATLAS Institute, CU Boulder

**Note: Funding for positions was pulled due to COVID related budget constraints. Documentation available upon request.*

Instructor of Record:

INFO 1101: Computation in Society / Introductory survey for INFO majors/minors

INFO 1201: Computational Reasoning 1 / Coding for non-majors

INFO 2001: Professional Portfolio Design + Development I

INFO 4001: Professional Portfolio Design + Development II

INFO 4601: Information Ethics & Policy

INFO 5601: Information Ethics & Policy / Graduate Seminar

INFO 4700: Information Science | Senior Capstone

FYSM 1000: Technology as a {Black} Mirror of Society / First Year Seminar

FYSM 1100: First Year Seminar Group / In partnership with INFO 1201

ATLS 2000: Meaning of Information Technology / Critical Perspectives for Digital Cultures

ATLS 2100: Image / Design Foundations & Visual Communication

ATLS 3915: Advanced Image / Studio in Image, Type, Form, Color, Space

ATLS 3925: Remix: Concept, Content, and Culture / Seminar + Studio

ATLS 4915: Photo Visualization / Project-based (Image Path Capstone)

ATLS 4925: Time / Experimental video and documentation

APRD 3001: Intermediate Design Concepts / Seminar + Studio

COEN 1830: Design your Education / First Year Seminar

ACADEMIC SERVICE

2022 - Present: Graduate Service Committee | CMCI, Information Sciences
2022 - 2025: CU Art Museum Community Council
2019 - 2020: Leonardo Abstract Services (LABS) Review Committee
2017 - 2019: Creative Technology and Design Curriculum Committee | ATLAS Institute
2016 - 2019: t9 Hacks | Educational Hack-A-Thon Organization Committee | ATLAS Institute
2015 - 2019: CU Boulder Academic Alliance Member, National Center for Women & Information Technology
2015 - 2018: Management of HelioLab (time-based media arts lab) | ATLAS Institute
2013: Educational Technology Review Committee | ATLAS Institute, CU Boulder
2011 - 2013: ATLAS Representative, United Government of Graduate Students | ATLAS Institute, CU Boulder
2009: Association to Advance Collegiate Schools of Business's (AACSB) Accreditation Review Committee | UCCS
2008: Staff Council, College of Business Representative | University of Colorado, Colorado Springs
2007-2009: Educational Technology and Instructional Design Committee | UCCS

SUPERVISION

2022-2023: First year committee mentor: Ph.D student Kit Lewers
2020: Capstone Project: Abby Rinerson (Creative Technologies) | Photographic laser printing on 3D surfaces
2018: Independent Study: Zoey Johnston (Creative Technologies) | Participatory art as therapy + social engagement
2017: Committee Member: Ellen Reynerson (Dance, BFA) | Real-time visualizations in dance
2017: Independent Study: Claude Mason (Creative Technologies) | Participatory media w/ LGBTQIA+ communities
2016: Committee Member: Keke Samashita (Creative Technologies, MS) | Digital ethnography: principles and practices

RESEARCH ASSISTANTSHIPS

2021: Afton Mine Public Art Walk, with Dr. Cameron Cartiere | Emily Carr University of Art + Design
2011 - 2013: National Center for Women & Information Technology | Collegiate Male Advocacy + STEM engagement

TEACHING ASSISTANTSHIPS

2021: SOCS 411 + 412: Professional Practice | Emily Carr University of Art + Design
2005: Foundations of Digital Productivity | University of Colorado at Colorado Springs

PARTICIPATORY DIGITAL LITERACY PROJECTS {THE VOX PROJECT}

In 2013, I founded [The Vox Project](#), a nonprofit organization focused on leveraging participatory media methodologies to achieve agency-based digital + media literacy for underrepresented and marginalized populations. The following projects have been grant-funded or commissioned:

2020 - 2021: "About Face" | Identity based after-school program for international students | Boulder, CO
2014 - 2017: Multi-year participatory media project with [Visionaria Peru](#) (Rotary Int'l funded) | Cusco Province, Peru
2017: Developing Perspectives, working with LGTBQIA students at CU | Boulder, CO
2016: Inmate Reintegration, "Media & Digital Literacy" / Boulder County Jail | Boulder, CO
2015 - 2016: Nuestra Perspectiva, After-school program for Latinx high school students | Boulder, CO
2014: Attention Homes (Homeless Youth) | Boulder, CO
2012 - 2013: Participatory media workshop focused on S. Sudanese Diaspora members | Denver, CO

MEMBERSHIPS

2022 - Present: ACM (Association for Computing Machinery)
2022 - 2025: CU Arts Museum Community Council
2022 - Present: New Media Caucus
2020 - 2022: Humanities, Arts, Science and Technology Alliance and Collaboratory {HASTAC} Scholars
2020 - 2021: Boulder Creative Catalyzers
2019 - Present: Association of Internet Researchers

2019 - Present: College Arts Association
2018 - 2020: Denver Digital Pedagogy
2018 - 2020: CSForAll
2018 - 2021: U. S. Society for Education through Art
2017 - 2021: Society of Photographic Educators
2016 - 2019: National Center for Women & Information Technology, Academic Alliance Member
2013 - 2018: Boulder Rotary | Next Generation Rotarians

PROFESSIONAL EXPERIENCE

2020 - 2021: Instructional Designer | New Mexico Highlands University (Contractual)
2019 - 2020: Instructional Designer | College of Engineering and Applied Sciences, CU Boulder (Contractual)
2013 - 2014: Regional Assistant Manager, Aspirations in Computing | National Center for Women & IT
2006 - 2010: Director of Information Technology | College of Business, University of Colorado, Colorado Springs
2006: English Language Instructor | Hansaem Foreign Language Institute, Masan, Republic of South Korea
2004 - 2005: Technical Support Lead | College of Business, University of Colorado, Colorado Springs

EDUCATION | EDUCACIÓN

EDUCATION (DEGREE GRANTING)

2022: MFA | Emily Carr University of Art + Design | Vancouver, British Columbia, Canada
2013: MS Information and Communication Technology for Development + Education | University of Colorado, Boulder
2006: BS Information Systems | University of Colorado, Colorado Springs

EDUCATION (NON-DEGREE GRANTING)

2019: Certification: Design Thinking | Stanford D.School
2013: Certification: Participatory Methodologies | Photovoice U.K.
2002: Certification: Cisco Certified Network Associate

EXHIBITIONS | EXPOSICIONES

2023: *Why Wonder (Size Matters)* | The Cinematheque | Vancouver, BC
2022-2023: *english ivy | heder helix* | MPCAS Mount Pleasant Community Art Screen | Grunt Gallery | Vancouver, BC
2022: *american made machines // (canción g.)* | 27th Annual Int'l Symposium on Electronic Art | Barcelona, España
2021: *Why Wonder (Size Matters)* | Small File Media Festival, Simon Fraser University | Vancouver, BC
2021: *English Ivy*, New media | Revolve/Ramp Galler, Asheville, NC
2020: *paint the stars* | Emily Carr University, Vancouver, BC
2019: *All the Pretty Horses* | Specto Art Space (VA) + The Dairy Arts Center, Boulder, CO
2019: *Goodbye Blue Skies* | Depot Gallery, Denver, CO
2019: *Things to consider when considering things* | Pahana Gallery, Estes Park, CO
2018: *Marginalia + Religiosity* + MALFunction Talk, Media Archeology Lab, Boulder, CO
2018: *Apple Knows Best* | There. Here. Near. (Group show), Museum of Boulder, Boulder, CO
2017: *Las Visionarias* | Photo exhibition at the Las Cruces Branigan Cultural Center, Las Cruces, NM
2017: *The Visionaries* | Print/Web feature | August Issue of The Rotarian + CU Arts and Sciences Magazine Quarterly
2016: *Visionarias* Essay | Photogs w/o Borders.com, Exposure.com, Amaray.com, Representation.com, Change.com
2016: *Las Visionarias*, Photo exhibition, ATLAS Institute + Boulder Digital Arts, Boulder, CO

GROUP

2022: *dépaysant* | Small File Media Festival 2022 | Simon Fraser University
2022: *Glitch Art is Dead* | Makers on the Minnesota Gallery | Granite Falls, MN

2022: affinities | Emily Carr University of Art + Design
2022: (In)visible Cultures: Seeing the Unseen | SCA Symposium | School for Contemporary Art, Simon Fraser Uni
2022: S.T.E.A.M.Y. Cantina | Fiske Planetarium + Eboni Freeman Institute | Boulder, CO
2022: Boundaries, Belonging, Becoming | Nasher Gallery | Durham, NC
2021: Convivial Machines | Boulder Museum of Art | Boulder, CO
2021: Small File Media Festival 2021 | UC Berkeley (in partnership with Simon Fraser University)
2021: Co<here> | MFA State of Practice, Emily Carr University of Art + Design | Vancouver, BC
2020: I need to talk to you | Artist Collective, Emily Carr University of Art + Design | Vancouver, BC
2019: An Act of Selection | The Dairy Arts Center

RESIDENCIES

2018: Media Archeology Lab | MALFunction | University of Colorado, Boulder

WORKSHOPS

2020 - 2021: Talk With Your Mouth Full | Innovative & Critical Pedagogy round-tables| Emily Carr Uni of Arts + Design
2018: Databending: Glitching and Giffing | ATLAS Institute
2018: Participatory Media for Marginalized Populations | ATLAS Institute
2017: Stop-motion Animation | ATLAS Institute
2017: Digital Poetics | ATLAS Institute

AWARDS | PREMIOS

SCHOLARSHIPS + FELLOWSHIPS

2020-2022: HASTACS Scholarship
2020: SSHRC Graduate Scholarship | Emily Carr University of Art + Design
2020*: Hemera Contemplative Fellow | Vallecitos Mountain Retreat
2019: Digital Pedagogy Conference | University of Colorado, Denver
**Note: Due to the impacts of COVID-19 this retreat was canceled. Documentation available upon request.*

GRANTS

2022: Climate Across the Curriculum Grant | CU Environmental Center, Office of the Provost
2020: About Face - Digital Literacy program | Boulder County Arts & Education Commission
2018: Micro Grant for Course Development | ATLAS Institute
2016: Nuestra Perspectiva: Digital literacy at Boulder High School | Rotary International

AWARDS

2018: CU's Marinus Smith Award for Excellence in Teaching
2018: Top ranked Faculty in "CU Engineering's Top 20 Teachers"
2016: Helping Hands Humanitarian Award | Rotary International
2015: Rotary International Humanitarian Award | Boulder Rotary Club
2013: Media at the Summit | Rich Clarkson Photography
2007: Staff Member of the Year UCCS

PANELS

2021: Why Size Matters: Tackling the Carbon Footprint of Streaming Media | Simon Fraser University
2021: The Nature of Place | Six Feet Photography | Asheville, North Carolina
2020: Moving Pedagogies of Care Online | Digital Pedagogy Conference | University of Colorado, Denver
2019: Bridging the Digital Divide w/ Creativity | Exploring Engineering Series @ CU

2018: The Combinatorial Nature of Creativity | ATLAS Institute
2017: Miss Representation" & The Mask You Live In | ATLAS Institute

CURATORIAL

2016-2018: Annual EXPO | ATLAS Institute
2015-2018: TAM Image Showcase | ATLAS Institute

TALKS + PRESS | CHARLAS + PRENSA

ARTIST TALKS

2022: *desire lines* | READ Bookstore | Vancouver, BC
2022: *docile / effaced / ineffable* | (In)visible Cultures Symposium | School for Contemporary Art, Simon Fraser Uni
2021: *Why Wonder?* | Small File Media Festival, Simon Fraser University
2021: *English Ivy* | Six Feet Under Photography
2021: *Intervention + Contemplation: Pausing the Internet* | MFA Talks, Emily Carr
2020: *Decoloniality & Participatory Media* | Emily Carr, In/Touch Symposium
2020: *Remix: Concept and Content* | Emily Carr, In/Touch Symposium
2018: *AI, Ethics, & New Media* | ATLAS Institute, University of Colorado, Boulder

PRESENTATIONS

2022: *The joy of the unknown* | Creative Santa Fe, Pecha Kucha Series VOL 15: Perspective | Santa Fe, NM
2022: *up up down down left right left right B A* | HASTACS Scholars Digital Friday
2022: *Arrhythmias: The body as a site of resistance in the age of the algorithm* | Information Sciences Colloquium | CU
2022: *The virtue in embracing all you do not know* | Career Dev, FNCE 350, UCCS, Senior Instructor Gordon Stringer
2021: *Pathways: The intersection of tech & arts-based education* | CSEdWeek, The Nat'l Center for Women & Info Tech
2021: *1000 true fans and the long-tail theory* | Guest Lecture for SOCS 411 w/ Dr. Cameron Cartiere, Emily Carr Uni
2021: *Limits + Possibilities: Creative Pedagogy* | Emily Carr University of Art + Design
2020: *Equity, Diversity, and Inclusion in Art + Design* (w/ Dr. Kristina Stamatidis) | College Art Association Podcast
2020: *Moving Pedagogies of Care Online* | University of Colorado, Denver
2019: *Bridging the Digital Divide* | University of Colorado, Boulder, Engineering Exploration Series
2019: *Participatory Methodologies with Rural Populations* | Engineers without Borders, CU Boulder Chapter
2018: *On Male Advocacy* | National Center for Women & Information Technology Summit, Nashville, TN
2017 - 2018: *The Singularity, The Inevitable (Automation)* | Guest Lecture for ATLS 2000 w/ Dr. Annie Bruns, CU
2016: *Why Your Lecture Slides Suck... Ways to Engage Students* | COLTT Conference, University of Colorado, Boulder
2015-2016: *New Media Writing* | Guest Lecture for ENG 2665 w/ Dr. Arne Andersson, University of Colorado, Boulder
2015: *Agency-based empowered via photography: Quechuan Visionarias* | Boulder Rotary
2014: *Remix Culture* | Guest Lecture for CMCI 2030 w/ Dr. Samira Rajabi, University of Colorado, Boulder
2008: *Maquiladoras and the making of American Manufacturing* | Students in Free Enterprise Regional Conference

WRITINGS

2022: *philodendrons* | pandemic stories | Zinester
2022: *american made machines* | Comparative Media Arts Journal, Issue 12 | Simon Fraser University
2022: *desire lines* | Occasional Press | Emily Carr University
2022: *Design Pedagogies: "Something's Wrong with This System!"* | Design Justice Chapter Review | HASTAC Scholars
2021: *Arrhythmias, I Need to Talk to You* | Co-editor and contributor | Emily Carr University
2020: *Digital Literacy through Arts-Based Learning* | United States Society for Arts Education
2019: *Insights & Reflections into post-graduate arts-based education* | ATLAS Institute, CU Boulder
2019: *D.Thinking impacts on first year students* | College of Engineering, CU, Boulder
2014: *Collegiate Male Allies in STEM: A Summative Assessment* | The National Center for Women & Info Tech

2013: *Developing Perspectives: S. Sudanese Diaspora Participatory* | MS Thesis, ATLAS Institute, CU Boulder

PRESS

2021: *B.E.A.T. | Boulder Experiments In Art And Technology: Convivial Machines* | Museum of Boulder

2021: *State of the Festival: Bite Size Methodologies—The 2nd Small File Media Festival* | MUBI.com

2016: *Las Visionarias* | The Rotarian

2015: *Peruvian Hearts* | CU Boulder's Arts & Sciences Quarterly

2015: *Making your grade: How Chris Carruth is breaking the traditional grading structure* | CU Independent

2015: *Las Visionarias* | CU Engineering

2015: *Las Visionarias* | The Coloradan

2014: *Interview on Participatory Methodologies* | Representation.com

2014: *Participatory Methodologies* | Amaray Magazine

MISCELLANY | MISCELÁNEA

INTERESTS

Digital Culture &

Radical Compassion &

Media Ecology &

Perfecting Chile Relleno &

Practicing Loving Kindness (Tonglen) &

New Mexico as a State of Mind &

Finding Silence in an Age of Noise &

New Media Theory &

Aurora + Australis Borealis&

Photography as a Meditation on Life &

Empathy &

Consideration &

Evolutionary Biology &

Deep, Abiding Spirituality &

Performance Art &

Love in the Digital Age &

Making Friends with Animals at Parties &

Ancestral Puebloan Culture &

Origami &

Baking Dark Chocolate + Pistachio Cookies &

Creative Writing &

Flower Pressing &

Cognitive Psychology &

Educational Theory &

Gardening at Midnight &

Rhizomes &

Cosmologies &

Linguistic Determinism &

Motorcycle Maintenance &

Existential Questions &

DONUTS &

Travel &

Trail Running &

& of course, Ampersands.

ANONYMOUS STUDENT FEEDBACK | NON-ANONYMOUS [HERE](#)

Chris is a stellar instructor, mentor, boss, and creative inspiration. His articulate instruction and the efficiency and care with which he taught large lecture halls of students has influenced how I communicate with people as my career progresses. Working for him was just as valuable of an experience, Chris is a people-first leader. Understanding and empathetic while still maintaining accountability. The world needs more Chris Carruths.

Chris is an INCREDIBLE professor. This is genuinely the best class I have ever taken! Lectures are engaging and always involve participation and discussion. Projects are relevant, while requiring critical and creative thinking. Chris also gives incredible feedback and points out the positives and making you feel proud of the work! Best Prof ever!!

Thank you... from the bottom of my heart, thank you. You are arguably the best teacher I've ever had, and your passion and enthusiasm are infectious. Thank you for taking a lost, lonely transfer student under your wing and making her believe that she could start anew and be worth something, even when life had kicked her to the curb. I had a really difficult time this semester and thought about giving up on school as a whole. I hope you know having a teacher as engaged and supportive as you made all the difference in the world. Thank you for the wonderful semester Chris, you really care about who you teach.

To be honest, I originally enrolled in this class only because it fulfilled a requirement. Now, I wish I could take more courses with Chris. His passion and compassion (as well as humility and reliability) shine through very clearly at all times. I loved learning not only about technology, but the amazing applications it has in the real world, especially as it stands to effect social change. Chris is excellent.

I learned a lot more in this class than I ever imagined. I really thank you for your innovative class style and approach to teaching. It was so much more real than the structured, systematic classes I'm used to.

You actually seem to care about your students as human beings, which is refreshing. I've had maybe 3-4 other instructors who have as well, not to discount them, but never in an intro lecture class.

I just wanted to thank you for being such a great professor. Each Tuesday and Thursday I would get excited in the morning because I had your lecture to look forward to. Then coming back home from class I would sit my roommates down and tell them all the cool things you showed us in class

I really enjoyed this class but I think I really enjoyed your teaching style most, you are always open for feedback whether it is positive or critical and it felt good to have a teacher who was so willing to adapt the class to make things better for us. Thank you for everything!!

I have never felt like I have known a professor so well without even meeting them. This online course was AWESOME! The professor did a great job allowing us to talk to other students through discussions and the content was just amazing. I have no advice because this was the best class I took this semester. KEEP IT UP!

I am so grateful for this class and the information that you are teaching. I have really enjoyed reading all your feedback, comments, and perspectives on the subjects we've covered. You are very accepting of all opinions, I would love to hear your thoughts on some of the issues we've covered; you're a well-educated and knowledgeable professor and I respect your perspective.

Chris is the kind of prof that challenges us to see the world from a new perspective. the things I have learned in this class, I feel I can apply them to wherever I decide to take my life.