

CHRISTOPHER MICHAEL CARRUTH, MS-ICTD

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PROFESSIONAL EXPERIENCE

■ INSTRUCTOR ATLAS Institute, University of Colorado, Boulder

- Successfully led redesign and implementation of Image track curricula within the ATLAS Institute's Technology, Arts, and Media (TAM) Program. The Image track is a developing path through the TAM undergraduate degree which allows students to apply design thinking, creative coding, and critical perspectives to visual arts including illustration and still/motion photography.
- Assisted with oversight and direction of TAM Undergraduate curricular needs via appointment to the curriculum committee.
- Creation and conversion of existing curriculum into online format (Canvas, Blackboard, Edmodo, etc) with ongoing formative & summative assessments to improve teaching and learning outcomes.
- Design, instruction, and evaluation of various courses and curricula within the TAM Program, each with an increased focus on (re)designing content for both synchronous and asynchronous online consumption. This included the blending and application of Bloom's Taxonomy as well as complimentary teaching methodologies to define and realize multi-tiered learning objectives.
- Conducted workgroup training sessions and presentations on applicability of in-class and online learning theory including best practices for LMS content delivery, engagement, and evaluation. Frequently involved translation of pedagogical and technical language into user-friendly format.
- Maintained knowledge of existing and emerging technologies, research, and methodologies through participation with industry publications, thought leaders, and conference attendance including ACM-CHI, Grace Hopper, Educause, and COLTT.
- Curricula and presentation style of courses geared towards the needs of diverse audiences and embracing of universal design principles ultimately allowing for an inclusive classroom and program (STEM program with M/F student population at ~50/50). Additionally, incorporated research surrounding gender and racial inequality within STEM majors and fields to create collegial environment for minority and marginalized populations while also enhancing male advocacy for change.

■ PARTICIPATORY MEDIA CONSULTANT The Vox Project

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- Founder and Lead Consultant of The Vox Project (voxproject.com), a nonprofit organization that leverages informal participatory media engagement and digital literacy to create affordable and accessible platforms for agency-based empowerment. In this capacity I've primarily worked with underrepresented populations to build technical and practical skills.
- Received grants from Rotary International, The United Nations, and Boulder County to increase digital literacy and empower various populations including refugees, homeless youth, Latina high school students, LGBTQIA community members, inmates, and indigenous peoples.
- Designed specific online and in-person educational materials for each population. Design objectives invariably vary with group size, need, and project length, yet projects are built around sustainable development principles leading to iterative design wherein I work with each group over several cycles, ultimately ending with each group eventually assuming project ownership.
- Digital literacy skills extend beyond exposure to digital technologies, to include direct engagement with various media (still/motion video creation, illustration, coding, etc). Each iteration of the project builds upon the previous section, allowing for a ramping up of skills.
- Led virtual work sessions to analyze participant and community goals as well as to craft learning strategies faster and less expensively than could be done on-site and during projects.

■ DIRECTOR OF INFORMATION TECHNOLOGY College of Business, UCCS

- Designed, maintained, and supported faculty on various learning management systems (Moodle, Sakai, D2L, Blackboard, eCollege, Joomla, and Angel) leading to an increase in online educational efficacy as evidenced by peer and student evaluations. Utilization of SCORM and Universal Design principles for in-house LMS solutions.
- Created various e-learning manuals and troubleshooting guides including recording and editing videos, podcasts, as well as developing instructional interactions and simulations.
- Designed for online content in both synchronous and asynchronous courses, including development of content flow via storyboards. Experience includes not only course creation and support but migration.
- Collaborated with departments and subject matter experts to identify problem/opportunity areas in distance and campus technology usage. Outcomes included campus-wide workshops & individualized sessions with faculty, web-based "how-to" videos, and regular podcast series on academic technology

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with complimentary newsletters and online feedback forums. This research allowed for new campus communities to form around educational technologies while also strengthening existing relationships.

- Project Management of instructional technology roll-outs including needs assessment, prototyping, wire-framing, installation, training, and monitoring and evaluation. Technologies included video and audio capturing, Google Apps, Qualtrics, TurnItIn, as well as iClicker and Polling technologies.

COMPLETE PROFESSIONAL HISTORY

- Lecturer/Instructor, Technology, Arts, & Media Program, University of Colorado, Boulder. 2013 - Present
- Founder and Lead Facilitator, The Vox Project. 2013 - Present
- Participatory Media and Development Consultant, The Visionaria Network. 2013 - Present
- Editorial, Fine Art, and Commercial Photographer. 2011 - Present
- Regional Assistant Manager, National Center for Women and Information Technology. 2013 - 2014
- Graduate Research Assistant, National Center for Women and Information Technology. 2011 - 2013
- Director of Information Technology, University of Colorado, Colo Spgs, Business College. 2006- 2010
- ESL Instructor, Hansaem Foreign Language Institute, Masan, Gyeonsangnam-do, South Korea. 2006
- Technical Lead, University of Colorado, Colorado Springs, College of Business. 2004 - 2006

SELECT AWARDS, TALKS, PROJECTS, GRANTS, AND HONORS

- Award: Received CU's 2018 Marinus Smith Award for "[Excellence in Teaching](#)" / Boulder, CO
- Award: Staff Member of the Year / UCCS, College of Business / Colorado Springs, CO
- Award: Rotary International Humanitarian Award / Boulder Rotary Club / Boulder, CO
- Award: 8th in "CU Engineering's Top 20 Teachers" / Boulder, CO
- Award: Helping Hands Humanitarian Award For Latino Outreach at Boulder HS / Brush Rotary Club
- Talk: "On Male Advocacy and Inclusive Climates in our CS Departments" / National Center of Women & Information Technology's 2018 Summit / Grapevine, TX
- Talk: "Your Lecture Slides Suck...How to Engage Students" slated for annual Colorado Learning and Teaching with Technology (COLTT) Conference / Boulder, CO
- Project: Inmate Reintegration Program, "Intro to Digital Literacy" / Boulder County Jail / Boulder, CO
- Project: ESL Instruction, Hansaem Foreign Language Institute / Masan, South Korea
- Project: 12-week participatory media workshop for [Visionaria Peru](#) / Urubamba, Peru

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- Project: 4-week participatory media workshop / Attention Homes (Homeless Youth) / Boulder, CO
- Project: 12-week participatory media workshop / S. Sudanese Refugees / Denver, CO
- Grant: Rotary Int'l, Nuestra Perspectiva / 6 week digital literacy project at Boulder HS / Boulder, CO
- Grant (review pending) / Laura Musser Intercultural Harmony Grant for Promotion of Cultural Diversity

EDUCATION

- BS, Business Administration, Information Systems. University of Colorado. 2006
- MS, Information & Communication Technology for Development. University of Colorado. 2013

INTERESTS

Evolutionary Biology & Deep, Abiding Spirituality & Photography as a Meditation on Life & Performance
Art & Love in the Digital Age & Making Friends with Animals at Parties & Ancestral Puebloans & Creative
Writing & Experimental Psychology & Educational Theory & Home Gardening & Cosmologies &
Linguistic Determinism & Travel & Human-Computer Interactions & Trail Running & Abstract Painting
& of course, Ampersands.