

ICE Annual Report FY19

I. OVERVIEW

Mission

Ideas for Creative Exploration (ICE) is a catalyst for innovative, interdisciplinary creative projects, advanced research and critical discourse in the arts, and for creative applications of technologies, concepts, and practices found across disciplines. It is a collaborative network of faculty, students, and community members from all disciplines of the visual and performing arts in addition to other disciplines in the humanities and sciences. ICE enables all stages of creative activity, from concept and team formation through production, documentation, and dissemination of research.

Support

In FY19 ICE received support from the Willson Center for Humanities and Arts, Franklin College of Arts and Sciences, the Office of the Vice President for Research, and the Graduate School. Throughout its history, ICE has been supported by the Office of the Senior Vice President for Academic Affairs and Provost, Lamar Dodd School of Art, Department of Dance, Department of English, Department of Theatre and Film Studies, Hugh Hodgson School of Music, the Georgia Museum of Art, and the generous support of many volunteers, businesses, and individuals.

Governance

David Saltz is the Executive Director and Mark Callahan is the Artistic Director of ICE.

In FY19 the Advisory Board voted to amend ICE Bylaws and expand the organizational structure to include a revised Advisory Board, Steering Committee, and Ad Hoc committees.

The Advisory Board consists of the Artistic Director and thirteen members appointed by the Executive Director for a three-year renewable term. The Advisory Board shall include one student representative.

The Steering Committee consists of five members of the Advisory Board appointed by the Executive Director for a one-year renewable term. The committee should represent a diversity of perspectives and academic disciplines inside and beyond the arts, and might include faculty of any rank, staff, students, and community members.

The Executive Director shall create ad hoc committees to address specific issues and initiatives as necessary. Members of these committees are appointed by the Director for a term of up to three years, eligible for renewal.

The following Advisory Board members served in FY19:

Chris Cuomo (Women's Studies and Philosophy)
John English (Professor Emeritus, Journalism)
Chris Garvin (Art)
David T Gay (Mathematics)
Hope Hilton (Athens community)
Katherine McGuire (Athens community)
Jed Rasula (English)
Bala Sarasvati (Dance)
Peter Van Zandt Lane (Music)
Meredith Welch-Devine (The Graduate School)
Andrew Zawacki (English)
Ciyadh Wells (Student Representative)

See **Appendix A** for the ICE Bylaws.

Graduate Assistantships in Interdisciplinary Arts Research

Graduate School Assistantships in Interdisciplinary Arts Research foster expanded research activity at UGA and serve as a beacon to the most innovative graduate candidates in the arts. Three assistantships per year are awarded to students entering programs in Art, Music, and Theatre and Film Studies. Assistantship recipients receive two years of funding from the Graduate School, followed by a third year of funding from the appropriate home department in the form of a Departmental Assistantship.

Graduate assistants in their second year are AC Carter (Art), Ciyadh Wells (Music), and Jason Woodworth-Hou (Theatre and Film Studies).

Graduate assistants in their first year are Alex McClay (Art), Kelly Catlin (Music), and Phil Brankin (Theatre and Film Studies).

Graduate assistants starting in August 2019 are Annie Simpson (Art), Elizabeth Boyce (Music), and Brandon LaReau (Theatre and Film Studies).

See **Appendix B** for a report of Graduate Assistant activities.

Partnerships

The Willson Center for Humanities and Arts is a showcase for faculty innovation and achievement. It facilitates intellectual exchange with the University and the public by the encouragement of interdisciplinary activity, which extends to the sciences and other orders of knowledge. The mission of the Willson Center is to promote research and creativity in the humanities and arts. It supports faculty through research grants, lectures, symposia, publications, visiting scholars, visiting artists, collaborative instruction, public conferences, exhibitions, and performances. It is committed to academic excellence and public impact.

Idea Lab is a UGA student organization committed to providing an open, interdisciplinary platform for engagement with topics in arts.

Watershed UGA facilitates the use of the UGA campus as a living laboratory to advance sustainability and environmental stewardship through teaching, research, service, and university operations.

The Center for Integrative Conservation Research (CICR) is an interdisciplinary research and training unit that focuses on environmental conservation and sustainability.

The Office of Sustainability coordinates, communicates, and advances sustainability initiatives at UGA in the areas of teaching, research, service and outreach, student engagement, and campus operations.

UGA is a partner of the Alliance for the Arts in Research Universities (a2ru), an alliance committed to transforming research universities to ensure the greatest possible institutional support for arts-integrative research, curricula, programs and creative practice between the arts, sciences, and other disciplines. It is committed to supporting the growing body of high-quality scholarly and creative production most attainable when disciplines are free to experiment within and across their boundaries.

II. PROJECTS and EVENTS

Idea Lab Conversation Series

In FY19 ICE continued a series of public events focusing on topics related to creativity, interdisciplinary collaboration, and research in the arts.

Georgia Prison Beekeepers
September 12

Idea Lab Mini Grant recipient and MFA student Cristina Echezarreta shared progress from a collaboration of a students, faculty, and staff in Art and Entomology with the Georgia Prison Beekeeping program to explore prisoners' relationship to nature through the arts.

ART+SCIENCE: A Conversation with Dan Jay
September 26

Dan Jay is a professor and dean of the Sackler School of Graduate Biomedical Sciences at Tufts University in Boston, MA. For 30 years he has led parallel careers in science and art and acted as a conduit between the two fields. Sponsored by Ideas for Creative Exploration and the Graduate School.

Arts + Environment Project Ideas Session
October 8

An open session to learn about arts + environment project funding opportunities at UGA. Kevin Kirsche and Tyra Byers from the Office of Sustainability and Michael Marshall from the Lamar Dodd School of Art shared information about Campus Sustainability Grants and the new Social Ecology Studio Project Pilot Grants. Participants received feedback on project ideas, met potential collaborators, and learned more about available resources.

Adaptive Change in the Arts
February 25

ICE Graduate Research Assistants led a public conversation about the EmcArts report *Somewhere Becoming Rain: Adaptive Change is the Future of the Arts*.

Cynosure
April 8

Cynosure is a submission-based annual thematic publication, designed by students and featuring any and all work by humans at UGA and the greater Athens community. Project team members led a discussion and brainstorming session for publication themes.

How to Start a Festival
April 29

ICE Graduate Research Assistant AC Carter discussed how they organized, curated, and visualized *Ad•Verse Fest*, a two-day festival highlighting solo and duo performers across genres.

Idea Lab Mini Grant Program

The Idea Lab student organization partnered with ICE to facilitate a mini grant program modeled after the ICE Project Grant program. Idea Lab members created a call for proposals, communications plan, public information sessions, selection committee, and budget strategy. Three projects were selected based on their creative merit, extent of collaborative and interdisciplinary activity, and feasibility. Special consideration was given to projects that addressed the theme “Cultivating Community.”

Exploring Research as Craft: A Workshop Series to Promote Cross-Discipline Communication by Examining Processes of Creating to Approach Questions

Lead applicants: Cydney Siegeman (Anthropology) and Alden DiCamillo (Art)

The purpose of this collaboration is to promote cross-disciplinary communication by conceptualizing research and practice as craft. By considering research as craft, our goal is to uncover commonalities that exist among students from diverse disciplines in how they engage with questions about the world. Graduate students across the UGA campus will participate in a three-part project to communicate their research as craft, culminating with a gallery show open to the greater Athens community (co-sponsored by ATHICA: Athens Institute for Contemporary Art).

Participants: Yana Bonday (Art), Sydney Daniel (Art), Jennifer Demoss (Integrative Conservation/Anthropology), Max Farrell (Ecology) Savannah Jenson (English), Kristen Lear (Integrative Conservation/Forestry), Alex McClay (Art), Katharine Miele (Art), Megan Prescott (Microbiology), Micah Taylor (College of Environment and Design), and Anna Rose Willoughby (Ecology).

Social Justice, Sustainable Futures: Retelling the History and Experiences of African-Americans in the Coastal Southeast

Lead applicants: Jeffrey Beauvais (Integrative Conservation (ICON)/Ecology) and Kathryn Koopman (Music)

While academic studies may help to highlight social ills, many community activists have posited that the critique-focused approach of academic research creates overly negative narratives that do not offer possible paths for more equitable futures. Through musical collaboration, we will: 1) provide more accurate representations of coastal African-American life and history, 2) give back to partnering communities by performing for them and completing community service during workshops on the coast, and 3) reach wider general audiences and connect them to these stories.

a2ru 2018 National Conference

ICE played a leadership role in the production of the a2ru 2018 National Conference, *Arts Environments: Design, Resilience, and Sustainability* hosted by UGA. Special Project grants supported three projects (*Feed the Fish, Imagination Squared, Amazonian Arts*) that were featured during the conference and related publicity. ICE recruited, trained, and managed a group of 30 student volunteers and contributed design assistance to a2ru for conference and session materials. ICE projects and people were featured prominently throughout the conference events (*Campus Watersheds as Spaces for Collaboration* session, AC Carter reception performance, *SKIN Follow-Up Discussion* panelist Chris Cuomo, *Embedded Artists Working Group* session, *Citizen Artistry* session, Moogfest, *The Rosetta Theatre Project, Makin' Rain* session). The conference theme and program provided meaningful opportunities for networking and recognition of participants in the ICE arts+environment initiative, including the Office of Sustainability, Watershed UGA, and the Center for Integrative Conservation Research.

Feed the Fish: Engaging the Campus Community in Reducing Plastic Waste in Campus Waterways

Lead applicants: Sam Cherof (Art) and Lindy Erkes (Art)

The *Feed the Fish* project used a socially engaged public art project to bring attention to the problem of plastics in aquatic environment. A sculptural fish receptacle for recyclable plastic was made out of out of recycled plastic using a Precious Plastic machine (small scale recycling system) with the additional support of a Campus Sustainability grant from the Office of Sustainability.

Imagination Squared: Pathways to Resilience

Lead applicant: Christina Foard (Art)

Imagination Squared is a free social creativity project designed to capture a visual snapshot of a community's resilience, individually and collectively. Participants are invited to modify and embellish hundreds of 5" square shadowboxes in response to prompts within the framework of resilience. Individual responses are combined into a collective installation framing the vibrant resilience and creativity of the community through a digital gallery and public exhibitions.

Amazonian Arts: The Aesthetics of Traditional Ecological Knowledge

Lead applicant: Louisiana Lightsey (Anthropology)

Utilizing film as an art-as-research method, this short digital mosaic incorporates visual anthropology, multispecies representation, and sensory ethnography in order to train attention on the biotic and abiotic minutiae of dwelling in the Ecuadorian Amazon. Based on preliminary fieldwork, the camera travels alongside Kichwa, Achuar, and Waorani indigenous people as they garden, forage, tell stories, sing songs, and navigate forest paths and riverways. But instead of positioning the human as the central agent in human-nature relationality, the focus is on the colors, textures, movements, shapes, and sounds which animate a pluriverse of interconnected lifeworlds and configure an aesthetic of cultural and ecological resilience.

Campus Watersheds as Spaces for Collaboration and Research on Sustainability

Presenters: Tyra Byers (Office of Sustainability), Jon Calabria (College of Environment and Design), Mark Callahan (Ideas for Creative Exploration), Laurie Fowler (Watershed UGA), Melissa Harshman (Art), and Michael Marshall (Art)

This site-based field presentation introduced the work of Watershed UGA, a collaborative initiative that advances sustainability and environmental stewardship through teaching, research, service, and university operations. The session included a gallery viewing of selected Watershed UGA projects that integrate art and design strategies, including: *Daylighting the Watersheds Design Competition* posters; site-based printmaking and photography; site-specific collaborative image making; landscape architecture and sculptural installation; environmental performance, and the a2ru Student Challenge Grant project, *Alliance for Arts + Rights of Nature*.

Embedded Artists Working Group

Moderators: Tyra Byers (Office of Sustainability), Mark Callahan (Ideas for Creative Exploration), Elizabeth Corr (Director of Art Partnerships, Natural Resources Defense Council, and Kira Hegeman (Art)

This working group explored best practices for embedded artists and institutional partners around environmental issues. In an a2ru keynote speech Steven Tepper highlighted the need for new research to understand "what organizational dynamics support or challenge the embedded artist?" This session extended the question to invite perspectives about expectations, agreements,

and outcomes negotiated by embedded artists and the institutions in which they operate. Participants shared their own experiences with DIY or “create your own” artist residencies, meaningful interactions with artists and environmental scientists, and efforts to create opportunities for embedded artists in centers, institutes, organizations, sponsored projects, grant teams, administrations, and sustainability offices.

2018 a2ru Emerging Creatives Student Challenge Grant Recipient: Makin’ Rain

Presenters: Jennifer Ezell (Texas Tech University), Jesus Gonzalez (University of Houston), and Jason Woodworth-Hou (Ideas for Creative Exploration Graduate Research Assistant)

For decades, the commercial world has relied upon focus groups and test marketing to see how a project or product will play to a particular group. “Makin’ Rain” is a research process that inverts the focus group concept. Instead of narrowing an idea to a distinct group, interpretations and potential applications are sought from a wider, cross-disciplinary audience that can add meaning and uncover hidden assumptions that exist within one’s disciplinary expertise. *Makin’ Rain* facilitates interdisciplinary and trans-disciplinary communication to create more efficient brainstorming when entering into new project development.

The Rosetta Theatre Project

Project team: David Saltz (project director), Sujata Iyengar (dramaturg), Peter Lane (composer), and Anna Corbould (media director)

On a small platform in the center of the Lab, two performers silently perform two scenes in alternation for several hours: one from Shakespeare’s *Romeo and Juliet*, and the other from Moliere’s *Tartuffe*. A real-time motion capture system generates four animations from the live performance, each projected onto a different wall and representing a distinct culture, time period, and artistic style, with distinct character models, scenery and costumes. One scene will represent the scene in Elizabethan England (in the Globe Theatre), a second in 17th century France (in the Palais Royale), a third in present-day Athens, GA, and a fourth in present-day Paris. Spectators move freely through the space, and the audio track corresponding to each animation plays through speakers over the video they are watching. Student actors will perform the textual variations live, in synch with the live performance, in Elizabethan English, 17th Century French verse, modern-day English and modern-day French. Each variation features a different electronic musical track, composed by Dr. Peter Lane, generated in real time to sync with the performance.

Elizabeth Corr Lecture

The Case for Collaboration: How NRDC Works with Artists to Bolster Environmental Advocacy

Elizabeth Corr works with artists, architects, and designers to heighten public awareness of and interest in the environmental issues that face today’s communities. She is the Director of Art Partnerships at the Natural Resources Defense Council (NRDC), an international environmental nonprofit organization with over three million members. Corr launched the NRDC’s Artist-in-Residence program, an innovative platform for thoughtful and sustained collaboration between artists and environmental leaders. As a curator she has worked with artists such as Jenny Kendler, Sipho Mabona, Antonin Fourneau, and the Luftwerk collective. Corr holds a master’s degree in African Studies and a bachelor’s degree in psychology and gender/women’s studies from the University of Illinois at Urbana-Champaign. She was recently nominated for the Pritzker Emerging Environmental Genius Award, recognizing scientists, entrepreneurs, engineers, activists, or artists who stand poised to make a game-changing difference.

Supported in part by the Willson Center for Humanities and Arts Distinguished Lecturer program and Ideas for Creative Exploration.

Ad•Verse Fest

Ad•Verse Fest was a two-day festival showcasing solo and duo performers who blur the line between the musical, visual, and performative arts. Produced by Ideas for Creative Exploration Graduate Research Assistant AC Carter, the festival received support from Ideas for Creative Exploration, a grant from the Athens Area Arts Council, Flagpole Magazine, and in-kind support from multiple businesses. Events were hosted by Caledonia Lounge, Flicker Theatre & Bar, and Go Bar. For more information visit: www.adversefest.space.

Performers:

Fame Walking
Pamela and Her Sons
Sir E.U
Mischa Lively
Shouldies
Ripparachie
The Kourtesans
Show Pony
Soft Robot
Abstract Black
Diatom Deli
Severe Bush
Eureka California
Karen Meat
Selina Haze
SONATORE
Goddess Complex
Flesh Eater
JIMJIM
Superbody
DJ Mahogany
Celia Verbeck
Internet Boyfriend
Taylor Alxndr
RaFia
Diaspaura
Jennifer Vanilla
Video Tronic's Intrusive Thots
Caleb Craig
john.AVERAGE
Javae
Miles Francis
Eve Maret
Dream Chambers
Baby Tony and the Teenies
Lea Lea
Baby Bengal
Blank
Neon Black
Sassyopathic
Annie Leeth
LA dj COCHINO

XR Research

ICE configured virtual reality equipment with support of a Technology Small Grants for Interdisciplinary Programs grant from the Graduate School and offered lab times for students and faculty to investigate technology and project concepts. *XR3: Extended Reality Technologies at UGA* was a demonstration and panel discussion event with participation from faculty and students in the College of Engineering, Lamar Dodd School of Art, Institute of Women's Studies, College of Environment and Design, College of Education, Science Library Makerspace, and Grady College of Journalism and Mass Communication. The event showcased virtual and augmented reality projects and a panel discussion with experts Kyle Johnsen (Engineering), Xin Xin (Women's Studies/Lamar Dodd School of Art), Brian Orland (College of Environment and Design), Bryan Trude (Grady College of Journalism and Mass Communication), and Stephanie Trude (College of Education).

Trash Music

Ideas for Creative Exploration Graduate Research Assistant Ciyadh Wells received a Campus Sustainability Grant for *Trash Music*, a project that explores the intersections of music, creativity, environmentalism, and sustainability. Collaborative workshops and performances featured musical instruments made from reused materials and compositions written by UGA student composers. Drawn from the Student Green Fee, Campus Sustainability Grants provide up to \$5,000 to current UGA students who wish to initiate projects to advance sustainability through education, research, service, and campus operations.

Made Bayak Events

Made Bayak was born in 1980 in Tampaksiring, Gianyar Regency, Bali, Indonesia. He completed his studies at the Indonesian Institute of the Arts Denpasar in Denpasar, Bali, Indonesia in 2006. His work addresses the human devastation of the Indonesian genocide of 1965-66 and the environmental devastation of the Balinese island's once-pristine environment caused by tourism-driven development and the lack of local awareness of best ecological practices. His methods include activism and social organization, teaching workshops, painting, drawing, sculptural objects, installations, performance art, and music performed with his heavy metal rock band Geeksmile.

Sponsors: ATHICA: Athens Institute for Contemporary Art with the support of The James E. and Betty J. Huffer Foundation and Creature Comforts Brewery, the Willson Center for Arts and Humanities, the UGA Department of Anthropology, the UGA Center for Integrative Conservation Research (CICR), Ideas for Creative Exploration, the UGA Office of Sustainability, Lamar Dodd School of Art, the Lyndon House Arts Center, the ACC Solid Waste Department, and Ideas for Creative Exploration.

Events:

Exhibition: *New Gods|Old Gods*
ATHICA

Roundtable: *Representations of Violence, Radical Storytelling, Art-based Activism, and Imaginative History-making*

Miller Learning Center

Panelists: Made Bayak, Amy Ross (Geography), Betina Kaplin (Romance Languages), Peter Brosius (Anthropology), and Broderick Flanigan (Athens community). Moderated by Alden DiCamillo.

Performance: Made Bayak with Killick
ATHICA

Artist talk and performance: *Radical Resilience within Visual Art-making (Art as Activism)*
ATHICA

Performance: Gamelan Chandra Natha Balinese gamelan ensemble
ATHICA

Traditional Balinese Painting Workshop
Lamar Dodd School of Art

Screening: *The Look of Silence*
Lamar Dodd School of Art

Youth Workshop: *Art with Recycled Materials/Plasticology*
Lyndon House Arts Center

Lake Herrick Eco-Art Festival
Lake M. Allyn Herrick

Curators' Talk: *Old Gods|New Gods: Ethnographic Crossings: Culture and Violence*
ATHICA
Speakers: Peter Brosius (Anthropology), Sarah Hitchner, and Alden DiCamillo (Art).

Math Plus Music

In live musical performance and open discussion, Marcus Miller and Rob Schneiderman demonstrated analogies between the dynamics of the discovery/creation/learning of both music and mathematics. As a consequence of the abstract natures of music and mathematics these analogies can provide insight into other human disciplines.

Marcus Miller graduated from Harvard University with a degree in mathematics. He is the creator of the Math+Music Project, and is currently the host/creator of the Quadrivium series at New York's Museum of Mathematics, while he continues to study and teach mathematics.

Rob Schneiderman joined the Lehman College CUNY department of mathematics faculty in 2006 after a busy career as a musician. In 2001 Schneiderman received a PhD in mathematics from UC Berkeley under the guidance of topology guru Robion Kirby, and before his current professorship at Lehman, he had postdoc positions at the Max-Planck-Institute for Mathematics in Bonn, NYU's Courant Institute and UPenn.

Supported by the Willson Center for Humanities and Arts Distinguished Artist program, Hugh Hodgson School of Music Jazz Program, Department of Mathematics, and Ideas for Creative Exploration.

Hidden Rivers Screening and Discussion

Hidden Rivers is a new feature-length film that explores the rivers and streams of the Southern Appalachian region, North America's most biologically rich waters. The film follows the work of conservation biologists and explorers throughout the region and reveals both the beauty and vulnerability of this aquatic life and how many people are finding ways to protect it. The event was held in conjunction with the biennial Georgia Water Resources Conference.

The film was produced and directed by Jeremy Monroe of Freshwaters Illustrated, a nonprofit organization dedicated to raising awareness about aquatic ecosystems through photography, video and film. Discussion panelists included Monroe, Bernard Kuhajda (Tennessee Aquarium Conservation Institute), Bud Freeman (Georgia Museum of Natural History), Alex Lamle (Nature Conservancy), and Abigail West (UGA, BFA Art).

Support for the event was provided by the Johnson Family Foundation and co-sponsored by the Georgia Water Resources Conference, UGA River Basin Center, the Office of Sustainability, and Ideas for Creative Exploration.

a2ru Emerging Creatives Student Summit and Challenge Grant

Laura Ney (Crop and Soil Sciences) attended the a2ru 2019 Emerging Creatives Student Summit, *Food and Place*, at James Madison University. The a2ru Emerging Creatives Student Summits bring together students who have an interest in the arts, crossing disciplinary boundaries, and developing collaborative projects. Each year, approximately 120 undergraduate and graduate students attend the summit from a2ru partner universities across the country, along with 20-30 administrators, faculty, and staff. These summits have a strong project-based component with activities such as panel discussions with special guests, keynote speakers, site visits or field trips, performances and exhibitions, networking opportunities, and skill-building experiences built in throughout. Student Summit participants were eligible to apply for an a2ru Student Challenge Grant. *Food Bites Infazine* was awarded \$2,000 plus travel expenses to attend and present at the 2019 a2ru National Conference. The team includes Laura Ney (UGA), Irasema Quezada Hammock (University of Alabama at Birmingham), Sarah Whittmeyer (University of Colorado), Stephanie Bonnell (University of Cincinnati), Sydney Mathis (University of Virginia), and Emma Kornegay (Virginia Commonwealth University).

Arts + Social Justice

ICE coordinated workshop development with a team of music faculty, the Athens Anti-Discrimination Movement, and the Office of Research and submitted a MAP Fund proposal, *Citizen Artistry: A Performance Model to Raise Social Awareness, Promote Dialogue, and Inspire Change*. The application advanced to the third and final round with positive feedback, noting that the eleven aesthetic perspectives criteria were “vividly present.”

In August 2018, on the one-year anniversary of the “Unite the Right” rally, Tim Adams' work “Charlottesville” was workshoped at a local art studio with 40 engaged citizens of the Athens, Georgia community. The workshop brought together the performers, composer, university artistic leaders, and community activists to better understand the critical elements necessary to design a resilient and sustainable performance model focused on the intersection of music and art in higher education and socially-conscious subject matter in a community. Breakout sessions allowed participants to share their emotional reactions to each of the three movements, and formulate ideas about the best venues and ideal audiences for the work's premiere. Participants noted the importance of including a facilitated discussion and meaningful conversation during any performance of the work. The surprising questions, encounters, meaningful conversations, and new community relationships have vitally shaped the project's future. This model has flipped the typical way of planning a premiere performance on its head by guiding us toward relevant community venues and engaged citizens, and showing us how eager concerned citizens are to participate in the creative process of a socially-conscious project that impacts their community.

Project Team:

Tim Adams (Music)
Cynthia Johnston Turner (Music)
Connie Frigo (Music)
Kimberly Toscano Adams (Music)
Mokah and Knowa Johnson (Athens Anti-Discrimination Movement)

Arts + Environment

ICE plays a leadership role in arts + environment initiatives at UGA with key partners Watershed UGA, the Center for Integrated Conservation Research (CICR), and the Office of Sustainability. In FY19 UGA was awarded an Innovations in Graduate Education grant from the National Science Foundation for *Enhancing Imaginative and Collaborative STEM Capacity through Creative Inquiry*, a three-year project that will bring a diverse group of graduate students together from STEM and arts disciplines to address issues in the local watershed using creativity-based training methods from the arts. This project will investigate the impact of targeted creativity training on the ability of STEM students to frame problems in new ways and help diverse teams solve complex problems. If successful, widespread adoption of these methods will contribute to equipping STEM graduates across the country with communication and collaboration skills and ultimately increase creative and innovative solutions to complex global environmental challenges.

Over each of five semesters, this project will recruit a cohort of ten students in the early stages of graduate study, five from STEM disciplines who self-identify as interested in environmental science, and five from arts disciplines. Cohorts will meet for six workshops facilitated by two faculty members from STEM and arts disciplines. Workshops are designed to build core creative competencies and develop skills for collaborative interdisciplinary practice. Students will gain practical experience sharing disciplinary viewpoints, creating analogies from scientific concepts, and developing collaborative frameworks for complex problem solving. This project seeks to fundamentally enhance how STEM students are educated by engaging them in creative processes related to their research topics. Successful elements will be incorporated into a scalable training model that will be widely disseminated and available for adoption at other institutions.

Project team:

Nathan Nibbelink (Principal Investigator, CICR)
Kathryn Roulston (Co-Principal Investigator, Education)
Elizabeth King (Co-Principal Investigator, Ecology/Forestry)
Mark Callahan (Co-Principal Investigator, Ideas for Creative Exploration)
Brian Haas (Co-Principal Investigator, Psychology)
Chris Cuomo (Senior Personnel, Philosophy/Women's Studies)
Laurie Fowler (Senior Personnel, Watershed UGA/Ecology)
Rebecca Gose (Senior Personnel, Dance)
Jenna Jambeck (Senior Personnel, Engineering)
Michael Marshall (Senior Personnel, Art)

APPENDIX A: ICE BYLAWS

Executive Director

The Executive Director is responsible for the budget and overall direction of ICE. The Executive Director is appointed by the Dean of the College of Arts and Sciences. The Executive Director reports to the Dean of the College of Arts and Sciences.

Artistic Director

The Artistic Director is responsible for the daily operation of ICE. The Artistic Director is appointed by the Dean of the College of Arts and Sciences. The Artistic Director reports to the Executive Director of ICE.

Advisory Board

Membership of the Advisory Board consists of the Artistic Director and thirteen members appointed by the Executive Director for a three-year renewable term. The Advisory Board shall include one student representative. The Advisory Board gives counsel to the Executive Director on ICE's goals, policies, and procedures. The Advisory Board shall convene at least once each academic year. The Executive Director or any member of the Advisory Board may convene a meeting of the board at any time with at least one week of prior notice. A simple majority of the Advisory Board constitutes a quorum.

Steering Committee

The Steering Committee consists of five members of the Advisory Board appointed by the Executive Director for a one-year renewable term. The committee should represent a diversity of perspectives and academic disciplines inside and beyond the arts, and might include faculty of any rank, staff, students, and community members. The Steering Committee gives counsel to the Executive Director and Artistic Director on ICE-sponsored programs, activities, and operations, and makes recommendations to the Executive Director, Artistic Director, and the Advisory Board regarding ICE's policies and procedures. The Steering Committee shall convene at least twice a year, in the Fall and Spring semester.

Ad Hoc Committees

The Executive Director shall create ad hoc committees to address specific issues and initiatives as necessary. Members of these committees are appointed by the Director for a term of up to three years, eligible for renewal. The chair of each committee will provide a report to the Advisory Board at least once a year.

Amendment Procedures

The Bylaws may be amended by a vote of nine members of the Advisory Board. Amendments to the Bylaws must be submitted to Board members at least two weeks prior to the meeting at which the vote is taken. The ballot may be taken by mail if all members are not present at the designated meeting.

APPENDIX B:

GRADUATE ASSISTANTSHIPS IN INTERDISCIPLINARY ARTS RESEARCH

Background

Graduate students have been at the heart of Ideas for Creative Exploration (ICE) from its inception in 1999. The ICE Project Grant program, a competitive support structure for collaborative research, established a track record of projects initiated by or involving significant contributions from graduate students. Graduate students in the arts are a driving force behind the development of interdisciplinary creative research at UGA, and in 2008 their ongoing participation led to the creation of a special research assistantship administered by ICE.

Graduate School Assistantships in Interdisciplinary Arts Research foster expanded research activity at UGA and serve as a beacon to the most innovative graduate candidates in the arts. Three assistantships per year are awarded to students entering programs in Art, Music, and Theatre and Film Studies. Assistantship recipients receive two years of funding from the Graduate School, followed by a third year of funding from the appropriate home department in the form of a Departmental Assistantship.

Selection Process

Graduate applicants are invited to submit an additional statement with their application materials to be considered for the assistantships. Each one-page statement contains a description of the applicant's research interests and any previous experience in interdisciplinary or collaborative environments.

Graduate Coordinators in Art, Music, and Theatre and Film Studies submit up to five nominees each for the assistantships. A five-member selection committee reviews the nominations and ranks them within each department. Nominees are considered based on their potential to conduct research in accordance with the ICE mission to generate innovative, truly interdisciplinary creative projects and critical discourse in the arts.

The FY19 selection committee included the following members:

Judy Milton, Assistant Dean, Graduate School
David Saltz, Executive Director, ICE
Marla Carlson, Graduate Coordinator, Theatre and Film Studies
Peter Jutras, Graduate Coordinator, Music
Isabelle Wallace, Graduate Coordinator, Art

Research Support Structure

The graduate assistantship awards require a sixteen-hour per week work commitment. During the first two years of study, recipients develop creative research under the auspices of ICE. Assistantship duties include the student's own collaborative work across disciplines and facilitating projects and proposals with faculty, students, and community members. Individual departments assign duties during additional years of study.

Current Graduate Assistants

Graduate assistants in their second year are AC Carter (Art), Ciyadh Wells (Music), and Jason Woodworth-Hou (Theatre and Film Studies).

Graduate assistants in their first year are Alex McClay (Art), Kelly Catlin (Music), and Phil Brankin (Theatre and Film Studies).

Graduate assistants starting in August 2019 are Annie Simpson (Art), Elizabeth Boyce (Music), and Brandon LaReau (Theatre and Film Studies).

Contributions to Interdisciplinary Arts Research

Graduate assistants play an integral role in providing administrative support to ICE, facilitating interdisciplinary events that make research in the arts available to the UGA and Athens communities, participating in faculty-led projects, and creating self-initiated projects.

ICE graduate research assistants worked collectively on the following projects and tasks:

- Administration of Idea Lab, a UGA student organization committed to providing an open, interdisciplinary platform for engagement with topics in arts.
- Administration of the Idea Lab Mini Grants program, including development of criteria, call for proposals, public information sessions, formation of selection committee, and administration of awards.
- Service as volunteers during the a2ru 2018 National Conference hosted by UGA.
- Arts funding research. Review local, national, and international funding sources for research in the arts, expansion of ICE Internet resources for those seeking funding, study reports of organizations and projects that receive funding nationally, alerting individual faculty of potential funding opportunities.
- Assistance with publicity for ICE events (press releases, campus flyers, and departmental announcements).
- Planning, facilitation, and logistical support for the Idea Lab Conversation Series public events.
- Content development for ICE Announcements and social media outlets.
- ICE project digital archive (2000-present). Ongoing database management of documentation materials from ICE-supported projects. Organization of archival materials, video capture and rendering, creation of document files to navigate archive, research equipment and software needs for maintenance of archive.
- Orientation for new ICE graduate research assistants, including technical demonstration of ICE office equipment (media software, HD video and sound production).

ICE graduate research assistants worked individually and collaboratively on the following projects and tasks:

- Ciyadh Wells produced the project *Trash Music*, supported by a Campus Sustainability Grant and Social Ecology Studio grant.
- Jason Woodworth-Hou collaborated with an interdisciplinary team of students to create *Makin' Rain*, a project supported by the a2ru Student Challenge Grant program and featured in the a2ru 2018 National Conference.
- AC Carter produced *Ad•Verse Fest*, a two-day festival in downtown Athens showcasing solo and duo performers across genres.
- AC Carter received an Athens Area Arts Council grant to support *Ad•Verse Fest*.
- Alex McClay served as the coordinator of student volunteers for the a2ru 2018 National Conference hosted by UGA.
- Kelly Catlin launched *Millennium*, a multimedia pop/orchestral fusion ensemble. She collaborated with students in art and music, recruited 13 musicians, a lead singer, and a conductor, and produced a recording session, music video, photography session, and exhibition at the Lamar Dodd School of Art.

- Jason Woodworth-Hou and Phil Brankin collaborated with faculty David Saltz (Theatre and Film Studies), Sujata Iyengar (English), and Peter Lane (Music), and students in Theatre and Film Studies to support development of *The Rosetta Theatre Project*, an interdisciplinary project combining real-time motion capture data and live performance.
- AC Carter, Ciyadh Wells, and Jason Woodworth-Hou produced the Idea Lab Conversation *Adaptive Change in the Arts*.
- Alex McClay produced the Idea Lab Conversation *Cynosure*.
- AC Carter produced the Idea Lab Conversation *How to Start a Festival*.
- Jason Woodworth-Hou served as the graduate student coordinator for the NEH Summer Institute on Digital Technologies in Theatre and Performance Studies.
- Kelly Catlin served as a member of the 2018-2019 UGA Campus Sustainability Grants Program Selection Committee.
- Ciyadh Wells served as a liaison for the *Citizen Artistry* project and grant proposal development.
- Kelly Catlin served as a liaison for the *Social Justice, Sustainable Futures* project in development.
- Alex McClay served as a liaison and participant in the *Research as Craft* project.
- Jason Woodworth-Hou and Phil Brankin collaborated with faculty at UGA and Spelman College on the Georgia Incarceration Project (GIP), a devised performance piece from archives preserved at UGA about forced labor in Georgia after the civil war through today.
- AC Carter designed shirts for student volunteers for the a2ru 2018 National Conference.
- Ciyadh Wells served as student representative on the ICE Advisory Board.
- Jason Woodworth-Hou produced the *XR3: Extended Reality Technologies at UGA*, a demonstration and panel discussion event with participation from faculty and students in the College of Engineering, Lamar Dodd School of Art, Institute of Women's Studies, College of Environment and Design, College of Education, Science Library Makerspace, and Grady College of Journalism and Mass Communication.
- Phil Brankin and Alex McClay served as stage managers for *Ad•Verse Fest*.
- Alex McClay collaborated with Brandon Dudley (Art) to create the annual thematic submission-based magazine project *Cynosure* with support from Ideas for Creative Exploration, the Printmaking Student Association, and the Lamar Dodd School of Art.
- Jason Woodworth-Hou facilitated individualized meetings for arts research with virtual and augmented reality technologies.
- Phil Brankin compiled historical research in performance technology for a presentation with students and faculty in Dance.
- Kelly Catlin and the *Millennium* project were featured in performances in the Rote Hund Muzik 5x5 concert and Lamar Dodd School of Art BFA Exit Show.
- Phil Brankin, Alex McClay, and Jason Woodworth-Hou collaborated on the performance *If Only [Democracy Worked]: Séance at the Polls*.
- Kelly Catlin collaborated with Ciyadh Wells in the *Trash Music* performance at the Lake Herrick Eco-Art Festival.

- Alex McClay provided logistical support for the *Trash Music* workshop and performance at the Lake Herrick Eco-Art Festival.
- Kelly Catlin conducted preliminary research on arts leadership programs in universities.
- Alex McClay assisted with preliminary planning of an ecopoetics conference in collaboration with faculty in English and the Sustainability Certificate program.
- Ciyadh Wells participated in the 4'33" research communication competition during UGA Spotlight on the Arts.
- Alex McClay conducted research on Risograph printing technology for a Learning Technologies Grant proposal.
- Phil Brankin created digital guides for management of the Idea Lab student organization.
- Ciyadh Wells participated in the UGA Three Minute Thesis competition.
- Phil Brankin assisted in the organization and documentation of *XR3: Extended Reality Technologies at UGA*.

Individual Accomplishments

- Ciyadh Wells received a Graduate Research award from the Willson Center for Humanities and Arts.
- Ciyadh Wells was awarded a Sphinx LEADer fellowship, sponsored by the Sphinx Organization, a national nonprofit organization dedicated to transforming lives through the power of diversity in the arts.
- AC Carter was selected to participate in the 2019 Vermont Studio Residency program.
- Phil Brankin designed projections and character models for a production of *She Kills Monsters*.
- Ciyadh Wells founded the Margins Guitar Collective.
- Ciyadh Wells served as historian for the UGA Graduate and Professional Students Association.
- Ciyadh Wells was selected for the Diversity and Inclusion in Graduate School Fellowship Program at UGA, a partnership with the National SEED project.
- Ciyadh Wells performed at Agnes Scott College, the Auburn Avenue Research Library, the 2019 MLK Day Celebration in Athens, and the Young People For (YP4) National Summit.
- Ciyadh Wells led an invited panel discussion at the Auburn Avenue Research Library.
- Ciyadh Wells was invited for a week-long residency with the St. Louis Classical Guitar organization.
- Alex McClay was featured in *Thoughts Made Visceral*, an exhibition at Weston Art Gallery in Cincinnati, OH.
- Alex McClay was featured in the *44th Annual Juried Exhibition* at The Lyndon House Arts Center.
- Alex McClay was featured in *Research as Craft* at ATHICA (Athens Institute for Contemporary Art).

- Alex McClay was a panelist at the annual Book Symposium held at the Special Collections Library.
- Alex McClay was featured in *Shared Dissonance*, an exhibition at Snakes4Gardens Collective.
- Alex McClay was featured in *On Paper* at The Galleries of the Carbarrus Arts Council in Concord, NC.
- Alex McClay taught a bookmaking workshop at The Lyndon House Arts Center for the *A is for Art* event.
- Alex McClay was invited to teach a workshop with students in the Georgia Writers Workshop.
- Alex McClay was featured in *The Space Between* exhibition at The Beatrice M. Haggerty Gallery in Dallas, Texas.
- Alex McClay was featured in *Thresholds*, an exhibition in the Project Space at Lamar Dodd School of Art.
- Alex McClay was featured in *Connect the Dots*, an exhibition at Thomas Street Finishing School.
- Alex McClay was selected to have work featured in the Lamar Dodd School of Art MFA Invitational exhibition titled *Rub Your Arms Until You They Are Red*, in Marcia Wood Gallery in Atlanta, GA.
- Alex McClay was featured in *Flux*, an exhibition of First Year MFA students at Thomas Street Finishing School.
- Alex McClay taught a letterpress workshop at the Lyndon House Fall Arts Festival.
- Alex McClay taught a bookmaking workshop at the Lyndon House during the Pasaquan exhibition.
- Kelly Catlin played Principal Flute with the UGA Symphony Orchestra.
- Kelly Catlin performed as a member of UGA's Rote Hund Muzik contemporary ensemble.
- Kelly Catlin played Principal Flute/Alto Flute with the Hodgson Wind Ensemble and soprano Lindsay Kesselman on the SEC premier of John Mackey's *Places We Can No Longer Go*.
- Kelly Catlin performed *Danse de la Chevre* by Arthur Honegger in a masterclass for Dr. Erica Boysen, Assistant Professor of Flute at UNC Greensboro.
- Kelly Catlin performed *Danza de la Mariposa* by Valerie Coleman in a masterclass for Dr. Jennifer Parker-Harley, Professor of Flute at University of South Carolina.
- Kelly Catlin's composition *Presence for Four Violas* was performed during the Dancz Festival for New Music.
- AC Carter was selected to participate in the 2019 SXSW Showcase.
- AC Carter was selected for publication in the *New American Painting* magazine.
- AC Carter performed as DJ.53 at The Georgia Museum of Art.
- AC Carter performed during *Spotlight on the Arts* with Carolyn Pennypacker Riggs.

- AC Carter served as a volunteer for *Chattanooga Girls Rock! Camp* in Chattanooga, TN.
- AC Carter produced *New Material II: A Variety Show!* At Soft Junk in Nashville, TN.
- AC Carter performed throughout the eastern US as Lambda Celsius including Athens, Atlanta, Nashville, Chicago, Philadelphia, New York City, and Washington, DC.
- AC Carter was featured in articles by Tom Tom Magazine, Immersive Atlanta, Flagpole Magazine, and Wussy Mag.
- AC Carter was featured in the group exhibition *CONGEAL*, curated by Sa Bo and Kira Hynes at the Lamar Dodd School of Art.

Outcomes Assessment

“In my second year as an Ideas for Creative Exploration Graduate Research Assistant, I can proudly say that this position has afforded me countless opportunities across disciplinary bounds that I would not have had without this position. I truly believe that ICE is one of the greatest opportunities that I have ever been provided with. Working as an ICE graduate research assistant has provided me with the knowledge and understanding of the importance of creative arts leadership and collaboration as a research topic. The ICE assistantship also provided me with the space and time necessary to begin innovating my own artistic practice in ways that I would not have been able to achieve without the ICE assistantship.” [Ciyadh Wells]

“Through ICE I have learned how to effectively organize and visualize information, have efficiency in constructing communication between collaborators, and engage in the larger community. I organized *Ad•Verse Fest*, a two-day festival showcasing a variety of different solo and duo performers, which was both well attended and received. It has helped me harness both a professionalism in and outside of school, providing me the tools I need to be a successful creative collaborator and producer.” [AC Carter]

“ICE delivered on its promise to put me into contact with professionals who would benefit my academic pursuits and broaden my own vision of what interdisciplinary collaboration looks like. The opportunity to attend events outside of my discipline and spark conversations that involve collaboration between arts and sciences stakeholders (then provide contacts for funding those collaborations) has been the key to forming the most fruitful professional relationships I’ve had these past two years.” [Jason Woodworth-Hou]

“I look on the ICE cohort as my main cohort at UGA. The clear connection through open and vibrant, weekly communication with my fellow grads has led to fruitful discussion and collaboration. I am in the initial stages of several collaborations, thanks to workshopping prospects with fellow grads, either to foster collaboration directly or just to seek advice. I value the close contact within ICE as an accelerated opportunity to create work with accomplished artists from outside my own field of interests.” [Phil Brankin]

“By participating in the a2ru conference, I learned that collaborators do not always need a concrete goal. Sometimes collaborators’ strengths and interests shape the goal itself; these finished products are incredibly valuable and could not have been achieved with my usual linear mindset. I always felt a drive to work with people of many different backgrounds and artistic disciplines, but felt pressure throughout my schooling to pursue traditional paths. Not only has this

ICE assistantship already validated my goals, it has opened my eyes to the pressing need for interdisciplinary arts leadership and entrepreneurship training programs in schools.” [Kelly Catlin]

“The Ideas for Creative Exploration Research Assistantship continues to transform the way I think about research, creativity, and collaboration. It has given me confidence to explore my own personal interests as research and to seek out the people who think about similar things. I’ve learned that one must give up a lot of control with collaborating, that things won’t always happen when you think they will, that everything takes longer to do, but that the outcome will be something that you might never have been able to do yourself. To me, that is the most special part of collaborating—the work you do exists outside of yourself—and that is some of the most interesting work out there.” [Alex McClay]