

## **ICE Annual Report FY11**

### **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.

### **Background**

ICE began in 1999 as a series of discussions among faculty and students throughout the university and local community to address the need for a program that would support collaborative projects and advanced research across disciplines in the arts.

ICE has supported the development of original projects, hosted visiting artists and scholars, held workshops, developed websites, and established a campus office. The ICE network includes faculty and students from a diverse range of disciplines, UGA alumni, community members, and international organizations. ICE continues to facilitate projects and events, graduate research, announcements of events and opportunities, an annual arts festival, and an academic/social/mentoring network.

### **Funding**

In FY11 ICE received support from Franklin College of Arts and Sciences and the Graduate School. Additional support for ICE activities was provided by the Lamar Dodd School of Art, Dance, Theatre and Film Studies, English, Hodgson School of Music, The Honors Program/Center for Undergraduate Research Opportunities, Willson Center for Humanities and Arts, and the generous support of many volunteers, businesses, and individuals.

### **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 Rachel Dubuque (Art), Tiffany Lee (Theatre and Film Studies), and Michael Krzyzaniak (Music).

Graduate assistants starting in August 2011 are Victoria Weaver (Art), Brandon Raab (Theatre and Film Studies), and Kai Riedl (Music).

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

## **Projects**

In the past year ICE submitted or assisted with the creation of several proposals for external funding from institutions such as the Creative Capital Foundation, Harpo Foundation, and the National Science Foundation. In addition to grantseeking, ICE expanded commercialization efforts by producing CDs, posters, and performance events that generated nearly \$3000 in sales.

### ***Exploring Student Development in the ‘Third Space’ Between Art and Engineering***

Following a FY10 ICE Project Development Grant, project leaders Joachim Walther (Engineering), Tracie Costantino (Art), Bonnie Cramond (Education), and Nadia Kellam (Engineering) created a proposal, “Making Connections: A Theory of Synergistic Learning in Engineering” that was awarded a three-year, \$400,000 grant from the National Science Foundation. The project focuses on integrating students' disparate knowledge from STEM, humanities, and social science courses through the creative fusion of art and engineering. Principal investigator Walther reported that “the strength of this project is founded on an ongoing, successful collaboration between the arts and engineering that has in all its stages received significant support from ICE.”

### ***Sound Imaging: Sonar and Art***

Following a FY10 Project Development Grant, Lamar Dodd School of Art Professor RG Brown worked with ICE Graduate Research Assistant Michael Krzyzaniak and Art/Physics major Daniel Cellucci to develop further methods of transcoding remote sensing data to sound and image. ICE supported an earlier version of the project that used remote sensing technologies such as ground-penetrating radar (GPR), electromagnet conductivity (EM), and sonar – methods developed in the scientific world but rarely used by artists.

### ***Mathematics and Art***

Mathematics Professor Jason Cantarella continued to initiate projects combining principles of mathematics and art, building on a FY10 Project Development Grant for an animated film about knots that involved students from a geometry research group and the department of Theatre and Film Studies. A proposal currently under review by the NSF incorporates principles of computer vision, robotics, and mathematics in first-year calculus curriculum.

### ***Our New Silence***

“Our New Silence,” a multidisciplinary project that ICE supported through a FY10 Project Development grant, advanced to the second stage of a MAP Fund (Multi-Arts Production Fund administered by the Creative Capital Foundation) grant proposal. The project received support

through a significant donation to the UGA Georgia Fund, used to finance mastering of new compositions featuring field recordings of traditional Indonesian music for a future release as a music album.

### ***The Curse of Quixote***

ICE Graduate Research Assistants Rachel Debuque, Mike Krzyzaniak, and Tiffany Lee collaborated on a project titled “The Curse of Quixote,” exploring the interdisciplinary creative process. The project recasts the classic literary figure of Don Quixote as “Donna Quixote of Greater Atlanta” in a Web-based *fotonovela*. The group received a UGA Graduate Student Association Interdisciplinary Conference award for their presentation, “The Curse of Quixote: A Case Study in Collaborative Research in the Arts.”

### ***Adjustable Media Theatre***

ICE Graduate Research Assistants Ernesto Gomez, Scott Higgs, and David Mitchell collaborated on a prototype video projection environment for media artists, especially students with budget constraints. The project was conceptualized as a tool for collaborative play and practical space for multimedia installation and performance. A version of the project was featured during the Athens Institute for Contemporary Art (ATHICA) exhibition “The Way Things Work.”

### ***The Message is the Medium***

ICE Graduate Research Assistant David Mitchell combined electronics with live performance in an original composition for solo saxophone and video improvisation. The work featured Brent Weber (Music) and David Mitchell in presentations at the Hugh Hodgson School of Music and the North American Saxophone Alliance conference at the University of North Florida in Jacksonville, Florida.

### ***Inside a Dream Floating in a Field of Snow***

David Mitchell presented a doctoral composition recital in collaboration with former ICE Graduate Research Assistant Marie Porterfield. The work incorporated video, handcrafted shadow puppets, and live and electronic musical performance.

### **ICE Visiting Scholar Edward Shanken**

ICE hosted Dr. Edward Shanken, a leading scholar of interdisciplinary new media art, for a public lecture and seminar. Shanken’s visit was supported in part by a Department-Invited Lecturer grant from the Willson Center for Humanities and Arts.

Shanken is the author of *Art and Electronic Media*, a survey published in 2009. In his lectures, he weaves together the histories of art, science and technology and urges audiences to think beyond the traditional boundaries of the arts.

Shanken earned masters and doctoral degrees in art history from Duke University after receiving an MBA from Yale University. He is a researcher in the Amsterdam School for Cultural Analysis at the University of Amsterdam and a member of the Media Art History faculty at Donau University in Krems, Austria. He was formerly executive director of the Information Science + Information Studies program at Duke University, an interdisciplinary program that studies new information technologies and their impact on art, culture, science, commerce, society and the environment.

In 2003, he edited a collection of writings by artist Roy Ascott titled *Telematic Embrace: Visionary Theories of Art, Technology, and Consciousness*. His introductory essay for that volume, "Art in the Information Age: Technology and Conceptual Art," received honorable mention in the Leonardo Award for Excellence. His work has been published extensively in book chapters, journals and exhibition catalogs, and he presents lectures at conferences and institutions around the world.

Shanken delivered a public lecture titled "From the Space Race to the Telematic Embrace and Beyond: A Research Trajectory" and conducted a seminar for invited participants based on his essay-in-progress, "Contemporary Art and New Media: Toward a Hybrid Discourse?"

### **ICE Roundtable: Artist-In-Residence Programs?**

Ernesto Gomez organized a roundtable discussion of residency opportunities for artists. The event featured current MFA students who spoke about their experiences. Participants included Sarah Heath (Sloss Furnaces), Hunter Parker (Ridge Theater), Justin Plakas (Hub Bub), and Ernesto Gomez (Elsewhere Collaborative).

### **Idea Lab**

Idea Lab is a UGA student organization affiliated with ICE. The purpose of the Idea Lab is to create a network of undergraduate and graduate students interested in interdisciplinary arts collaboration. Student administrators were successful in their application for funding from the Franklin College Student Activity Fee Allocation Committee for the upcoming academic year.

### **Willson Center Distinguished Lecturer Grant**

ICE received a grant to host Amy Franceschini, founder of the artist collective Futurefarmers, to UGA in 2012. The Willson Center Distinguished Lecturer Program brings to campus distinguished scholars and artists whose appeal transcends disciplinary boundaries.

Futurefarmers are a critically acclaimed group of artists and designers who have worked together since 1995. Their highly innovative studio produces art projects, design for print and interactive websites, workshops, and research that explores social, cultural, and environmental systems.

Amy Franceschini and Futurefarmers have been featured in prestigious institutions such as the Museum of Modern Art (MOMA), The Whitney Museum (included in the Whitney Biennial), Ars Electronica Festival in Linz, Austria (winner of the Prix Ars Electronica, the top prize in new

media art), the Cooper-Hewitt Museum (Smithsonian National Design Triennial), and many more. Their clients include Adobe, Swatch, Hewlett Packard, Levi's, Nike, LucasFilm, Dreamworks, the New York Times, PBS, Wired Magazine, and more. They received a Webby Award (Art and Design category) and in 2007 created the "Twitter" logo.

Her presence on campus will engage students who are interested in art, socially engaged design, and the environment. Recent projects by the Futurefarmers focus on creative problem solving through community engagement in urban spaces and new research in renewable materials and energy. Their practice will serve as an excellent model to a wide range of students in the arts and other disciplines such as the College of Environment and Design, Faculty of Engineering, New Media Institute, and the College of Agriculture and Environmental Sciences.

### **AUX Event and Publishing Series**

AUX is an ICE-supported event and publication series devoted to experimental art in all forms. AUX has produced two volumes of experimental sound recordings, special performance events, workshops, and five annual festivals. Heather McIntosh (UGA Music alumna and ICE Advisory Board member) is the main organizer of AUX projects and events.

In October AUX released *AUX Vol. 2*, a collection of experimental sound curated by Heather McIntosh in a limited edition of 250 hand-printed packages designed by Joshua Ray Stephens (UGA Art alumnus) and printed by David Savino (graduate candidate, Art). It features 17 previously unreleased tracks by artists from Athens and beyond and an original poem by Jeff Fallis (PhD candidate, English).

Artists on the CD include Derek Almstead, Visitations, Hannah Jones, Orthopedics, The Olivia Tremor Control, Jessica Pavone, Mary Halvorson, Killick, Jay Nackashi, feltbattery, Dave McDonnell, Our New Silence, mohtzégorf, Spider Veins, Jeremiah Cymerman, Nate Wooley, Christopher Hoffman, Aaron Siegel, Melted Men, horaflores, and Dark Meat.

*AUX Vol. 2* received international press from music industry media such as Pitchfork and the Signal to Noise journal. The launch publicity and event were supported by Team Clermont, Little Kings, and Nuçis Space, and featured over forty local performers in a round-robin style evening of group improvisation.

In May AUX hosted its fifth annual festival featuring music, dance, performance, installation, and video screenings. The daylong event took place in two venues in downtown Athens and attracted hundreds of spectators. AUX 5 featured special guests Robert Schneider and Andrew Raffo Dewar and was sponsored by Little Kings, Ciné, Vision Video, Nuçi's Space, Portapro Portable Productions, Transmetropolitan, Flagpole Magazine.

Apples in stereo leader, Elephant 6 co-founder and mathematician Robert Schneider demonstrated his Teletron, a circuit-bent Mattel MindFlex toy that enables the user to control a synthesizer with his or her mind, joined by guest synthesist Ben Phelan (Big Fresh/Apples in stereo). The conductor of this performance, neuroscientist Marc Sommer, read Schneider's experimental score "Composition for Two Hemispheres" while connected with EEG sensors to two Moog synthesizers, each filtered to represent the left or right side of the conductor's brain.

Stereophonic sound and 3D projections were incorporated to simulate the conductor's mental activity in the brains of the audience.

Andrew Raffo Dewar is Assistant Professor of Interdisciplinary Arts in New College and the School of Music at the University of Alabama in Tuscaloosa. He holds an interdisciplinary BA in Anthropology, Music and Asian Studies from the University of Minnesota and an MA and Ph.D. in ethnomusicology from Wesleyan University. Dewar's research interests include experimentalism in the arts, intercultural music, jazz and improvisation, music and technology, and 1960s intermedia arts. In addition to his work as an ethnomusicologist, he is a soprano saxophonist and composer who regularly performs his work internationally. He studied with avant-garde jazz legends Steve Lacy, Anthony Braxton, Bill Dixon, and experimental composer Alvin Lucier. He has also had a long involvement with Indonesian traditional and experimental music. Dewar's compositions have been performed by the Flux Quartet (NYC), Sekar Anu (Indonesia), the Koto Phase ensemble (USA/Japan) and the XYZ composer's collective (NYC).

See **Appendix B** for a complete list of AUX participants.

### **ICE-Vision**

ICE hosted a video screening series, curated by Film Studies major Will Stephenson. Selections included the following:

*Shadows* (John Cassavetes, 1959)  
*Three Crowns of the Sailor* (Raul Ruiz, 1983)  
*Wild Style* (Charles Ahearn, 1983)  
*House* (Nobuhiko Obayashi, 1977)  
*Killer of Sheep* (Charles Burnett, 1977)  
*The 5,000 Fingers of Dr. T* (Roy Rowland, 1953)  
*A Zed & Two Noughts* (Peter Greenaway, 1985)  
*Danger: Diabolik* (Mario Bava, 1968)  
*Ride Lonesome* (Budd Boetticher, 1959)  
*The Friends of Eddie Coyle* (Peter Yates, 1973)  
*Le Doulos* (Jean-Pierre Melville, 1962)  
*Vitelloni* (Federico Fellini, 1953)  
*Dark Days* (Marc Singer, 2000)  
*Tenebre* (Dario Argento, 1982)  
*The Conformist* (Bernardo Bertolucci, 1970)  
*The Seventh Victim* (Mark Robson, 1943)  
*Pauline at the Beach* (Eric Rohmer, 1983)  
*F For Fake* (Orson Welles, 1973)  
*Underworld U.S.A.* (Samuel Fuller, 1961)  
*At Midnight I'll Take Your Soul* (José Mojica Marins, 1964)  
*Performance* (Nicolas Roeg / Donald Cammell, 1970)  
*Ile Aiye* (David Byrne, 1989)  
*The American Friend* (Wim Wenders, 1977)  
*The Big Combo* (Joseph Lewis, 1955)

## **ICE Room Installations**

ICE extended two previous installations from artists Seth Stephens (BFA Art) and Daisy Whelan (BFA Art). Whelan displayed a window installation entitled *Angora, Vanessa, Pomona, Chardonel*, made with Icelandic sheep fleece, wool, and mohair. Stephens created a grid of LED lights in the north wall that will remain in the ICE office as a permanent installation.

## **Partnerships**

ICE is affiliated with Rhizome, a nonprofit organization that was founded in 1996 to provide an online platform for the global new media art community. Their programs and services support the creation, presentation, discussion and preservation of contemporary art that uses new technologies in significant ways. Rhizome's core activities include commissions, email discussions and publications, website, and events.

## **Administration**

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

## **Advisory Board**

Thirteen members of the ICE Advisory Board are appointed by the Executive Director for a three-year renewable term. The Advisory Board gives counsel to the Executive Director on ICE-sponsored programs. The 2011 members are as follows:

Nadia Kellam (Engineering)  
Heather McIntosh (Athens community)  
Jason Cantarella (Mathematics)  
Mirla Criste (Theatre and Film Studies)  
Chic Ball (Music)  
Bala Sarasvati (Dance)  
Georgia Strange (Art)  
Andrew Zawacki (English)  
George Contini (Theatre and Film Studies)  
Chris Cuomo (Women's Studies)  
Jed Rasula (English)  
Stefaan Van Liefferinge (Art)  
Tiffany Lee (MFA candidate, Theatre and Film Studies)

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

## **Strategic Plan**

ICE revised its strategic plan, “A Close and Productive Synergy in the Arts” for 2010-2015. The revised plan was reviewed by members of the ICE Advisory Board with additional input from Betty Jean Craige, director of the Willson Center for Humanities and Arts.

See **Appendix D** for the ICE Strategic Plan.

## **Honors Program**

ICE worked with the Center for Undergraduate Research Opportunities (CURO) to add an award category for “Arts” to the CURO Symposium with the generous support of the UGA Alumni Association. ICE continued its participation with the Honors Program by offering a CURO seminar called “Introduction to Research in the Arts” during the spring semester.

The seminar provides an overview of arts research, presents methodological models for sustaining research-based creative practice and acts a workshop for project development. The seminar examines conventional and emerging forms of arts research, ranging from historical and critical studies to project-based works that address newer media and interdisciplinary approaches.

Students visit various areas of campus to become familiar with performance and exhibition resources at UGA and meet leading faculty and professionals who are conducting research in the Departments of Art, Dance, English, Music, and Theatre and Film Studies. Students are exposed to a range of models for creative practice based on visits with faculty, outside reading and discussion. The seminar addresses ways that arts research is produced in the form of exhibitions, performances and publications, and how institutional networks, grants, commissions and entrepreneurial approaches support research-based cultural production.

The seminar was led by Mark Callahan and included presentations by the following:

George Contini (Theatre and Film Studies)  
Jed Rasula (English)  
Matthew Jordan (Honors Program)  
Bala Sarasvati (Dance)  
Martijn van Wagtendonk (Art)  
Richard Siegesmund (Art)  
Ashley Callahan (independent scholar)  
Marcus Fechheimer (Cellular Biology)  
Jean Martin-Williams (Music)  
Susan Thomas (Music)

## **Appendix A: Graduate Assistantships in Interdisciplinary Arts Research**



## Graduate School Assistantships in Interdisciplinary Arts Annual Report FY11

### 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. An eight-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 FY11 selection committee was comprised of the following members:

Judy Milton  
Assistant Dean, Graduate School

Mark Callahan  
Artistic Director, ICE

Adrian Childs  
Graduate Coordinator, Hodgson School of Music

John Kundert-Gibbs  
Graduate Coordinator, Theatre and Film Studies

Carole Henry  
Graduate Coordinator, Lamar Dodd School of Art

Martin van Wagtendonk  
Assistant Professor, Lamar Dodd School of Art

David Z. Saltz  
Head, Department of Theatre & Film Studies

Leonard V. Ball, Jr.  
Associate Professor of Music

#### 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.

Graduate Assistants develop research within the ICE Project model: creating proposals for review and discussion among peers and faculty, working collaboratively to develop prototypes for critical review, seeking venues for exhibition or performance, and disseminating research through exhibitions, performance, publications, and conferences such as the Georgia Graduate Student Interdisciplinary Conference.

The ICE administration and network of students, faculty, and community members provide support and expertise, and logistical support for potentially fundable projects. In the event that ICE offers courses in the future, as indicated in the current strategic plan, assistantship recipients may be assigned to assist with teaching courses, though research will always remain a substantial part of their assignment.

#### Current Graduate Assistants:

Graduate assistants entering their second year are Rachel Debuque (Art), Tiffany Lee (Theatre and Film Studies), and Michael Krzyzaniak (Music).

Graduate Assistants starting in August 2011 are Victoria Weaver (Art), Brandon Raab (Theatre and Film Studies), and Kai Riedl (Music).

Three assistantship recipients will transition to departmental assistantships in FY11: Ernesto Gomez (Art), Scott Higgs (Theatre and Film Studies), and David Mitchell (Music).

#### 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. Highlights of FY11 include the following:

- Rachel Debuque, Mike Krzyzaniak, and Tiffany Lee collaborated on a project titled “The Curse of Quixote,” exploring the interdisciplinary creative process. The project recasts the classic literary figure of Don Quixote as “Donna Quixote of Greater Atlanta” in a Web-based *fotonovela*. The group received a UGA Graduate Student Association Interdisciplinary Conference award for their presentation, “The Curse of Quixote: A Case Study in Collaborative Research in the Arts.”
- Assistance provided to Professor Jason Cantarella (Mathematics) for projects combining principles of mathematics and art, building on a FY10 ICE Project Development Grant for an animated film about knots that involved students from a geometry research group and the department of Theatre and Film Studies. A proposal currently under review by the NSF incorporates principles of computer vision, robotics, and mathematics in first-year calculus curriculum.
- Assistance provided to Professor RG Brown (Art) to develop further methods of transcoding remote sensing data to sound and image. ICE supported an earlier version of the project that used remote sensing technologies such as ground-penetrating radar (GPR), electromagnet conductivity (EM), and sonar – methods developed in the scientific world but rarely used by artists. The project features a collaborative network that includes members of the UGA Center for Remote Sensing and Mapping and the National Oceanic and Atmospheric Administration (NOAA). Mike Krzyzaniak worked with Brown and others to create a series of digital animations, including one featured in the AUX 5 Experimental Arts Festival.
- Following a series of public seminars on video game development hosted by ICE in FY10, David Mitchell joined a collaborative team led by Steven Oliver (Science and Math Education) and James Moore (Veterinary Medicine) on an NIH Science Education Partnership grant project to create and evaluate 3D animated biology lessons for high school students in hopes of enticing more of them to choose careers in science. The project brought together a wide array of disciplines and was featured in the Winter 2011 edition of the UGA Graduate School Magazine. Mitchell and collaborators composed original sound components for two digital games created by the group.
- Ernesto Gomez, Scott Higgs, and David Mitchell collaborated on a prototype video projection environment for media artists, especially students with budget constraints. The project was conceptualized as a tool for collaborative play and practical space for multimedia installation and performance. A version of the project was featured during the Athens Institute for Contemporary Art (ATHICA) exhibition “The Way Things Work.”
- Assistance with final design and assembly of *AUX Vol. 2*, a collection of experimental sound curated by Heather McIntosh (UGA Music alumna) in a limited edition of 250 hand-printed packages designed by Joshua Ray Stephens (UGA Art alumnus) and printed by David Savino (graduate candidate, Art). It features 17 previously unreleased tracks by artists from Athens and beyond and an original poem by Jeff Fallis (PhD candidate, English). Preparation of press kit content and distribution to journals and media programs (received international press from music

industry media such as Pitchfork and the Signal to Noise journal). Logistical support for *AUX Vol. 2* launch event in downtown Athens, featuring over forty local performers in a round-robin style evening of group improvisation.

- Logistical support for *AUX 5 Experimental Arts Festival*. In May AUX hosted its fifth annual festival featuring music, dance, performance, installation, and video screenings. The daylong event took place in two venues in downtown Athens and attracted hundreds of spectators. Graduate assistants contributed to planning sessions, equipment installation in multiple sites, created photographic and video documentation, maintained information stations at venue entrances, ticket sales support, publicity, stage assistance during act changes, hosted featured guest performers, and provided technical support during performances.

- Assistance with development of successful Willson Center Invited-Lecturer grant. Logistical support for hosting, seminar, and public lecture by Dr. Edward Shanken, a leading scholar of interdisciplinary new media art. Shanken is the author of *Art and Electronic Media*, a survey published in 2009, a researcher in the Amsterdam School for Cultural Analysis at the University of Amsterdam and a member of the Media Art History faculty at Dona University in Kermes, Austria. As a UGA visiting scholar he delivered a public lecture titled “From the Space Race to the Telematic Embrace and Beyond: A Research Trajectory” and conducted a seminar based on his essay-in-progress, “Contemporary Art and New Media: Toward a Hybrid Discourse?.”

- Assistance with development of MAP Fund (Multi-Arts Production Fund administered by the Creative Capital Foundation) grant proposal for “Our New Silence,” a multidisciplinary project supported by ICE. The proposal advanced to the second stage of the MAP Fund process and received support through a significant donation to the UGA Georgia Fund, used to finance mastering of new compositions featuring field recordings of traditional Indonesian music for a future release as a music album.

- Assistance with development of successful Willson Center Distinguished Lecturer grant to host Amy Franceschini, founder of the artist collective Futurefarmers, in 2012. Futurefarmers are a critically acclaimed group of artists and designers who have worked together since 1995. Their highly innovative studio produces art projects, design for print and interactive websites, workshops, and research that explores social, cultural, and environmental systems. Recent projects by the Futurefarmers focus on creative problem solving through community engagement in urban spaces and new research in renewable materials and energy. Their practice will serve as an excellent model to a wide range of students in the arts and other disciplines such as the College of Environment and Design, Faculty of Engineering, New Media Institute, and the College of Agriculture and Environmental Sciences.

- Administration of UGA student organization, *Idea Lab*, a network of undergraduate and graduate students interested in interdisciplinary arts collaboration. Student administrators were successful in their application for funding from the Franklin College Student Activity Fee Allocation Committee for the upcoming academic year. Created website, online calendar, and open brainstorming sessions for interdisciplinary projects.

- Mike Krzyzaniak provided assistance to faculty in Engineering and Theatre and Film Studies by creating a set of controls for the Dynamic Anthropomorphic Robot with Intelligence—Open Platform (DARwIn-OP), an open source humanoid robot, using computer programming language.
- Ernesto Gomez provided assistance to Professor Thomas Houser (Art) for a multi-media installation, “The Other Side of the Mask” at the Lamar Dodd School of Art main gallery.
- David Mitchell presented a doctoral composition recital in collaboration with former ICE Graduate Research Assistant Marie Porterfield (Art) entitled “Inside a Dream Floating in a Field of Snow.” The work incorporated video, handcrafted shadow puppets, and live and electronic musical performance.
- Ernesto Gomez organized an interdisciplinary public roundtable discussion of residency opportunities for artists. The event featured current MFA students who spoke about their experiences. Participants included Sarah Heath (Sloss Furnaces), Hunter Parker (Ridge Theater), Justin Plakas (Hub Bub), and Ernesto Gomez (Elsewhere Collaborative).
- Participation in with the College of Environment and Design and The Warnell School of Forestry and Natural Resources compost initiative to develop stations that will encourage composting around UGA campus.
- Content development for ICE Announcements. ICE operates a website, RSS feed, and weekly listserv program that highlights interdisciplinary events and opportunities for the UGA community. Review of UGA master calendar, departmental websites, community event calendars, and direct mail, editing and formatting content for Internet, posting content to iceannouncements.com.
- ICE project digital archive (2000-present). Ongoing effort to digitize and create database 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.
- 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.
- Preliminary research to develop a public workshop for Open Frameworks, a computer programming system for interactive art.
- Assistance with preliminary curriculum development for ICE, including index of interdisciplinary courses in the arts at UGA and basic research in the history of interdisciplinary arts education since the 1960s.

- Assistance with publicity for ICE events (press releases, campus flyers, and departmental announcements).
- Orientation for new ICE graduate research assistants, including technical demonstration of ICE office equipment (media software, HD video and sound production).
- Participation in creation of a revised strategic plan for ICE, “A Close and Productive Synergy in the Arts” for 2010-2015.

#### Individual Accomplishments:

- David Mitchell combined electronics with live performance in an original composition for solo saxophone and video improvisation, “The Message Is the Medium.” The work featured Brent Weber (Music) and David Mitchell in presentations at the Hugh Hodgson School of Music and the North American Saxophone Alliance conference at the University of North Florida in Jacksonville, Florida.
- Rachel Debuque participated in the Wooden Synagogue Replication Project with Handhouse Studio, a not-for-profit innovative educational organization that initiates adventurous hands-on projects as a way to explore history, understand science, and perpetuate the arts. Rachel was selected to join a collaborative team to travel to Poland and rebuild a seventeenth-century wooden synagogue with the Museum of the History of Polish Jews in Warsaw, a project that was featured in the New York Times.
- Ernesto Gomez attended the Sloss Furnace National Conference on Cast Iron Art in Birmingham, Alabama and represented UGA as an Iron Pour Crew member.
- Mike Krzyzaniak attended the Margaret Guthman Musical Instrument Competition at the Georgia Institute of Technology and provided technical and logistical support to an entrant, Peter DeSimone.
- Scott Higgs attended the “Making Ends Meet: Interpretive/Critical Research Across the University on Media, Communication, Culture, and Representation” conference and workshop to foster interdisciplinary graduate work and research collaboration at UGA (sponsored by Grady College).
- Tifany Lee participated in the monthly FY11 Willson Center Cinema Roundtable series.
- David Mitchell participated in the Georgia Graduate Student Interdisciplinary Conference with a presentation about the conceptual and technical development of his original performance, “The Message Is the Medium.”
- Rachel Debuque participated in the Georgia Graduate Student Interdisciplinary Conference with a presentation about her research and creation of site-specific sculptural installations that engage local people and events, “Site Storytelling History.”
- Ernesto Gomez’s work was featured in the following exhibitions: “The Way Things Work” at the Athens Institute for Contemporary Art, Georgia Sculptors’ Society Juried Exhibition at the

UGA William J. Thompson Gallery, “Second Annual Lamar Dodd School of Art Juried Exhibition” at the Lamar Dodd School of Art, “Structural Criterion” at the William J. Thompson Gallery, “Making Masters” at the Madison Museum of Fine Art, in Madison Georgia, and “Professor’s Selection in Sculpture - La Mostra” at Palazzo Vignette in Cortona, Italy.

- David Mitchell was elected president of the UGA Student Composer Association.
- Tiffany Lee’s work was featured in “I Heart Net Art,” a Web-based exhibition of new media art.
- Mike Krzyzaniak authored a draft for an audio-synthesis textbook with audio examples that demonstrates how to generate sound using an array of computer programming languages. It is designed for composers, artists, and programmers.
- Rachel Debuque was awarded a Certificate of Achievement by the Northeast Georgia Council Boy Scouts of America in recognition of service to Scouting through instruction of the Metalwork Merit Badge.
- Ernesto Gomez was invited to make presentations to intermediate sculpture and professional practice courses in the Lamar Dodd School of Art.
- Rachel Debuque’s work was featured in an exhibition, “Retrofuturology” at The Observatory Room in Brooklyn, New York and in the “Second Annual Lamar Dodd School of Art Juried Exhibition” at the Lamar Dodd School of Art.

#### Outcomes Assessment:

Graduate Assistants completed surveys that addressed different aspects of their experiences with ICE. The following excerpts reflect the value of the *Graduate School Assistantships in Interdisciplinary Arts Research* as perceived by the recipients:

“ICE has positively affected my academic experience in UGA by giving me a space and a community for engaging dialogue involving the future of arts research, technology and the possibility for effective collaboration. Working with colleagues from other disciplines has challenged my understanding of what is possible in my time at UGA.” [Rachel Debuque]

“ICE has forced me to not only step outside of my artistic safety zone, it has made me part of the community. Many of my peers have not had the opportunity to meet students and professors outside of our respected areas and that experience has allowed me to broaden my skills through interdisciplinary projects, and it has created many contacts for me throughout the university and the city of Athens.” [Ernesto Gomez]

“Being an ICE grad assistant offered myriad opportunities for meeting and working with the academic community beyond my discipline. It was by learning how to tap into disparate vocabularies of academic research that I was able to narrow down my personal research interests. Visiting artists and lecturers from diverse fields and backgrounds brought in through ICE

provided opportunities for sharing ideas and practicing interdisciplinary communication.” [Scott Higgs]

“My experience at UGA as a first year grad student has been overwhelmingly positive because of ICE. I was elated to hear the news when first told that I had been granted the research assistantship position and I was grateful to have the opportunity to work my way through school while collaborating on worthwhile projects. Little did I know how much more this experience with ICE would impact me academically and creatively. I have been surprised at how greatly the interdisciplinary research through ICE impacts my individual study within my own discipline. I feel that I am a stronger student and that I have a stronger base from which to research and explore concepts.” [Tiffany Lee]

“I have learned to think of music composition as multimedia and interdisciplinary. I have also gained experience in a variety of fields outside of my discipline and made contacts that will open up new areas of opportunity in the future.” [David Mitchell]

“My assistantship at ICE has had a profoundly positive impact upon my personal intellectual development. I have a number of diverse interests, many of which I have cultivated as serious disciplines. Often, these disciplines are mutually incompatible in traditional academic settings. Music departments, for instance, tend not to value academic endeavors into the field computer science; Computer science departments are not interested in original translations of Italian-language poetry. In my mind, too, these disciplines have always remained distinct, and my choice to study music at UGA was also a conscious choice to actively *not* study the other disciplines. It was, therefore, astonishingly gratifying to be assigned straightaway to an ICE project for which I wrote computer programs that make music.” [Mike Krzyzaniak]

“I developed an exceptional bond with my fellow first-year graduate assistants that has allowed an honest and open dialogue surrounding our research. They have offered me new perspectives and have been helpful resources in my arts research. They have assisted me in the completion of several works this year and have been a solid support system.” [Rachel Debuque]

“For me, this has been as much about exploring a vocabulary of collaboration as it has been about creating an object or device. I have learned a great deal about individual styles of perception and thought processes and how to recognize and acknowledge these differences as a precursor for exploring ways to tease out creativity from individual members of a production team.” [Scott Higgs]

“The realization that my interests do not need to remain mutually exclusive was a life changing epiphany. I came to UGA as a masters



student thinking that I would eventually pursue a doctoral degree in music, thereby permanently neglecting a large part of my intellectual diet. ICE has given me the power to see that this does not need to be the case, and I have altered my long-term goals accordingly.” [Mike Krzyzaniak]

“We created the *Idea Lab* because of our belief in the work of ICE and interdisciplinary research. We have all conversed at length about the broadened perspectives that have accompanied our own interdisciplinary work through ICE, and the observation that we are getting so much more than our peers in each of our disciplines. My own work is significantly enriched by this experience which has presented me with a much larger view.” [Tiffany Lee]

“I relish any opportunity to share with others the benefits of creating partnerships with those outside of their discipline because of the profound impact that ICE has had on my learning and creativity.” [Rachel Debuque]

Alumni:

- Marie Porterfield (MFA Art) received a prestigious Fulbright Grant to create a collaborative project in Turkey.
- Hunter Parker (MFA Theatre and Film Studies) worked with the acclaimed Ridge Theater to produce *Persephone*, commissioned by the Brooklyn Academy of Music.
- Ji Eu Moon (DMA Music) was accepted as an artist-in-residence at the Atlantic Center for the Arts.

## **Appendix B: AUX Participants**

*AUX Vol. 2 Launch Party*  
*September 30, 2010*  
*Little Kings Shuffle Club*

Andy Gonzales  
Heather McIntosh  
Raleigh Hatfield  
Greg O’connell  
Kyle Dawkins  
Vanessa Hay  
Jason Trahan  
Dan Nettles  
Kris Deason  
Jeff Tobias  
George Davidson  
Brian McGaw  
Mercer West

Steven Trimmer  
Killick Hinds  
Ashton Bagley  
Julian Bozeman  
Kemp Stroble  
Bill Doss  
Darrin Cook  
John Fernandes  
Aaron Jollay  
Jeff Fallis  
Mikey Dywer  
Davey Wrathgabar  
Chris Herron  
Alex Merck  
Kai Riedl  
Mike Albanese  
Colby Carter  
Hannah Jones  
Javier Morales  
William Kennedy  
Charlie Estes  
Al Daglis  
Madeline Adams, Melissa Colbert and the All Voices Improv Chorus Explosion!

*AUX 5 Experimental Arts Festival*  
*May 7, 2011*  
*Ciné and Little Kings Shuffle Club*

Improvised Dance Study (Anna Bracewell, Toi Brown, Allison Gantz, Chryssy Oseni, Amelia Reiser, John Fernandes and Heather McIntosh)  
Pocketful of Claptonite Big Band  
The Nice Machine  
Hidden Noise Ensemble  
Geisterkatzen  
Trash Raft  
Michael Guthrie  
Merlin Olsen Twins  
The Master's Request  
Hungry Hungry Astronauts  
Throne Room  
Now Yes  
Crow's Feet  
Green Thrift Grocery  
Nevada Gas Trio  
Goldensection  
LWOW

Demonstration of the Teletron Mind Controller for Synthesizer (Robert Schneider and Colleagues)

Lorkakar

Chartreuse

Andrew Raffo Dewar

Raw Ass Temple

Smoggo

Abandon the Earth Mission

The Flash Card Orchestra

Grape Soda

The Soap Scums

Outdoor Installations:

The Visitations

Dixie Blood Mustache

The Magic Tape Cube, brought to you by Magic Tape Research

C.D. Howe

Video Screenings:

Mallory Baxley

Julian Bozeman

Virginia Broyles

RG Brown III

Dwayne Butcher

Daniel Cellucci

Dickie Cox

Matt Glass

Alessandra Hoshor

Mike Krzyzaniak

Cobra McVey

Elizabeth Owen

Robert August Peterson

Justin Plakas

Amelia Reiser

Peter Russell

Seth Nicholas Stephens

Whistling School for Boys

Mary Willoughby

## **Appendix C: 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*

Members of the Advisory Board are appointed by the Executive Director for a three-year renewable term. There shall be thirteen members. The Advisory Board shall include one student representative. The Advisory Board gives counsel to the Executive Director on ICE-sponsored programs. The Executive Director shall convene the Advisory Board at least three times 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.

#### *Grant Selection Committee*

Members of the Grant Selection Committee are appointed by the Executive Director, upon recommendation by the Advisory Board. There shall be five members. The committee must contain at least two members of the Advisory Board. The Grant Selection Committee is responsible for the review and ranking of competitive applications following a call for proposals. The Artistic Director shall act as a non-voting chairperson of the committee. The committee shall be dissolved after reporting to the Executive Director.

#### *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 D: ICE Strategic Plan for 2010-2015**

#### *A Close and Productive Synergy in the Arts*

##### Vision:

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.

ICE is an interdisciplinary initiative for advanced research in the arts supported by the

Franklin College of Arts and Sciences, the Office of the Vice President for Research, and the Graduate School. ICE supports the diverse scholarship and creative activity of the four Fine Arts units (Department of Dance, Lamar Dodd School of Art, Hugh Hodgson School of Music, and Department of Theatre and Film Studies) and fosters meaningful collaborations within the arts and between the arts and other units on campus and in the community.

Since its inception in 1999, ICE has supported the development of original creative research through ICE project grants, hosted visiting artists and scholars, held workshops and symposia, developed a website and electronic mailing list, and established an office on the UGA campus. ICE directs a graduate assistant program for interdisciplinary research in the arts. The ICE network includes faculty and students in the arts and sciences, the Honors Program, Faculty of Engineering, and UGA alumni. The ICE advisory board reflects the interests of faculty, students, and the Athens community.

In the next five years ICE will continue to support a diverse network of faculty, students, and community members. ICE will foster interdisciplinary creative research through project grants for collaborative and innovative projects and continue to organize symposia, workshops, and events to encourage lively critical reflection. ICE will develop a curricular component to make collaborative learning in the arts available to graduate and undergraduate students.

ICE will achieve greater prominence through the broad dissemination of information through print, video, and the Internet. ICE will facilitate thorough documentation and preservation of creative research and increase the visibility of the organization and the artists it supports on local, regional, national, and international levels.

ICE is dependent on the continued dedication of the Fine Arts units to strive for collaboration, innovative uses of technology, and greater student access to courses in all art forms. ICE will need to seek increased funding to reach these goals and to serve as wide an audience as possible. In the next five years ICE will seek additional internal support for projects and events, external support in the form of grants and private and corporate sponsorship, and a major donation to begin an ICE endowment.

To fully integrate faculty and students to interdisciplinary experiences, ICE will seek ways to bring greater recognition to collaborative research conducted by faculty during tenure and promotion considerations and by graduate students during reviews by major professors. As part of the growing strategic emphasis on interdisciplinary and collaborative activity at UGA, ICE will continue to promote and facilitate cooperation among administrators, faculty, students, and community members who endeavor to create academic and social exchange.

In order to meet the full potential of research in technology, institutions in the state of Georgia and beyond must continue to find ways to overcome geographical distances. ICE will forge relationships with institutions that share the goal of supporting research with cutting-edge technology and promote the need for increased funding and sharing strategies for equipment and software. ICE will work with the Office of Development to identify opportunities for support by individuals and businesses that value creativity and innovation beyond traditional disciplines.

## Program Priorities:

In order to bring this vision to reality, accomplish those goals, and respond to the external factors identified, ICE will focus on five key areas.

ICE will support our interdisciplinary network through use of the ICE website and electronic mailing list to promote greater interaction in the arts. ICE will address issues that hinder participation of faculty and students in ICE by identifying obstacles and helping to facilitate solutions. ICE will seek additional internal funding and external funding in the form of grants and gifts to sustain operations.

ICE will support innovative projects by offering assistance based on a selective process with clearly outlined criteria for success. ICE will distribute funds to deserving projects, facilitate “ground-up” collaborative project development, and support promising projects through multiple stages of growth. ICE will increase the competitiveness of research by facilitating interdisciplinary brainstorming sessions, grant proposal workshops, and expert feedback for projects in progress. ICE will encourage mentoring at all levels and create seminars and reports that present current ideas and trends in research. ICE will seek opportunities for commercialization of appropriate projects and apply for external funding to support overhead costs generate revenue for participating departments.

ICE will develop a curricular component organized around interdisciplinary research in the arts. ICE will create a certificate program beginning at the graduate-level concentration with potential for further expansion. ICE will facilitate team-teaching, encourage joint appointment faculty hiring, dedicate funding for course releases, and seek opportunities to attract visiting faculty. The purpose of ICE curriculum will be to increase the number of courses available across departments, nurture a core group of interdisciplinary faculty, and deepen university-wide appreciation of creative research.

ICE will create events that promote a sense of community while highlighting UGA research and resources, strong interdisciplinary activity, and potential for collaboration. ICE will organize events ranging from small workshops and lectures to major symposia that attract international participants. Juried programs will bring attention to talented students from UGA and other institutions. ICE will explore the development of a summer institute and a residency program for visiting artists.

ICE will facilitate dissemination of our activities through publications, the Internet, and partnerships and collaborations with other institutions. ICE will promote interaction between departments at UGA by making presentations, class visits, and facilitating the exchange of ideas among students. ICE will use its website and publications to help orient newcomers to UGA and broadcast our accomplishments to a global audience.

## Performance Goals and Measures:

ICE will measure progress toward achieving goals through the following indicators:

### 1. Goal: Interdisciplinary network

Objective: Facilitate diverse student, faculty, and community engagement via events, projects, and media.

Key Performance Measures: Develop methods to assess the quantity and diversity of event participants by Fall 2011 and increase amounts annually by at least ten percent; increase the number of electronic mailing list subscribers to 600 by 2015; continue to solicit and provide incentives for project proposals that involve participants from multiple UGA departments.

### 2. Goal: Innovative projects

Objective: Support projects in active development across stages of concept, production, and grant seeking.

Key Performance Measures: Continue ICE Project Grant program; Graduate Assistants in Interdisciplinary Arts Research support or generate at least six projects annually; contribute to the development of at least five external grant applications annually; provide resources and consulting to UGA departments for interdisciplinary research.

### 3. Goal: Curricular component

Objective: Make clear progress toward the creation of interdisciplinary arts curriculum.

Key Performance Measures: Complete application for graduate certificate program in interdisciplinary art by Fall 2011; at least six students begin certificate courses in 2012; increase enrollment annually by at least two students until Fall 2015; first certificates awarded in Spring 2015.

### 4. Goal: Create events

Objective: Produce public programming such as workshops, presentations, and symposia.

Key Performance Measures: Host at least five public events each semester, including seminars, workshops, and screenings; continue support of AUX experimental arts events; develop an annual project showcase event by Fall 2011 and a major symposium with an international audience by 2015.

### 5. Goal: Facilitate dissemination

Objective: Promote and document activities through a variety of media to range of audiences.

Key Performance Measures: Complete internal project archive by Fall 2011 and maintain thereafter; expand the use of social networking media to reach greater audiences; maintain current websites and expand by incorporating increased project documentation and profiles of ICE participants; continue support of AUX publishing series.

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Chris Cuomo (Women's Studies)  
Nadia Kellam (Engineering)  
Heather McIntosh (Athens community)  
Jed Rasula (English)  
Bala Sarasvati (Dance)  
Georgia Strange (Art)  
Stefaan Van Liefferinge (Art)  
Andrew Zawacki (English)

**Appendix E: Budget**

Franklin College	+2,000
Willson Center	+1,000
CURO	+1,500
ICE sales (gross)	+3,010
Georgia Fund	+1,050
<i>Total</i>	+8,560
Projects and events	6,540
Operating expenses	1,550