



CREATE • CONNECT

A Good Ride

LETTER FROM THE EDITOR

Being Editor in Chief of the student magazine C² is like riding a slightly spirited horse. At times, you really need to work with the animal to let it know that, together, you're a team, but that, also, you are really in charge, and, at other times, you need to let it have some rein and run. The rest is easy.

I have been a contributing member of the student magazine since Main_Frame was re branded as C² (create-connect). It has been a long and bumpy road, but I wouldn't trade it for anything. It has been a good example of *it's-not-the-destination-but-the-journey-that-is-important*. My journey has included many memories and many lessons that have contributed to both my personal and professional development.

Last quarter while we were holding our first bake swap, several members of C² and I were looking through past issues of the magazine, and we noticed a real growth in the quality of each issue.

We owe this growth to many people. First, we owe great thanks to the guidance we have received from our advisors: Chris Title, Anj Kozel, Jennifer Thomson, and many more. Thank you. Second, we owe it to our fellow students who have been stepping up and submitting their work for publication, and we owe it to the feedback we have received from many of you about what you have liked and what you have disliked

about the magazine. Keep it up. We really do want to know what you think, good, bad, and ugly. How else are we going to improve?

Like the magazine, I can look back and see my own personal and professional growth and the valuable lessons that I have learned serving in various positions as a member of the student magazine. This past year has been by far the best for me. I have watched the bond between members of the organization grow; each meeting seems more fun, and more productive, than the one before. It seems kind of sad to think that many of us wouldn't even know each other if it weren't for our collaboration on C². The magazine really does "create" and "connect."

Alas, it is time for me to hang my hat as Editor in Chief and let someone else take the reins for a while. May the future leaders and members of C² have as much fun, and learn as much, as I did, if not more. Thank you all for the awesome ride!

Sincerely,

Brad Stulc
Editor In Chief
Interior Design BS
10TH Quarter

IF YOU ARE INTERESTED IN JOINING THE C² TEAM
CONTACT US AT C2.CREATE.CONNECT@GMAIL.COM

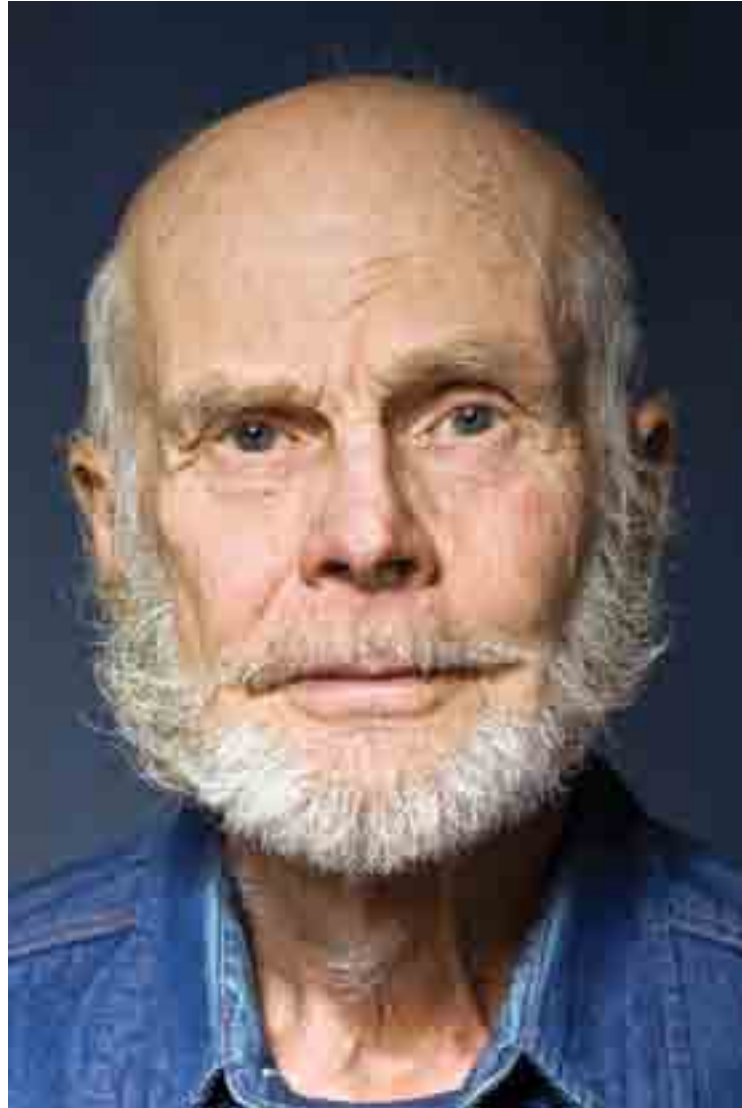
PHOTOGRAPH COURTESY OF KATE ENGELMANN



FROM LEFT TO RIGHT

RONALD FARBER, BRAD STULC, ERIC WINKELMANN,
CHELSEA HAMMERBECK, ADAM VALLEY, KATE ENGELMANN

"THE MAGAZINE REALLY DOES "CREATE" & "CONNECT."



UNTITLED
BRANDON LEPASTI
PHOTOGRAPHY BFA
10TH QUARTER

These photographs are part of a larger group of images I am currently working on of my grandparent's life on the Iron Range. (Continued on next page)



UNTITLED (CONTINUED)
BRANDON LEPASTI
PHOTOGRAPHY BFA
10TH QUARTER

IT'S ALL
RELATIVE
OUR EXPANDING UNIVERSE

PART 3

“

THE VASTNESS OF THE UNIVERSE IS NEARLY INCOMPREHENSIBLE, AND ALTHOUGH PHYSICS HAS COME A LONG WAY IN EXPLAINING ITS STRUCTURE AND EVOLUTION, MANY FUNDAMENTAL QUESTIONS REMAIN UNANSWERED.

”

BY JEFF BURKETT

NATURAL SCIENCES & MATHEMATICS INSTRUCTOR

In the last two columns, we explored developments leading to modern cosmology. Now we know the Earth, the sun, and the Milky Way galaxy aren't the center of the universe; rather, the universe has no center, or, more correctly, the center of the universe is a point in time rather than space. We also know the universe has been expanding outward in all directions from this point since the moment of the Big Bang.

The vastness of the universe is nearly incomprehensible, and although physics has come a long way in explaining its structure and evolution, many fundamental questions remain unanswered. Among the most interesting of these questions is this: is there extraterrestrial life among the millions of galaxies each containing billions of stars, or are we alone in the universe? Thanks to exponential advances in telescope technology over the past two decades, science is, for the first time in human history, making real progress toward answering the question.

Perhaps it should first be noted that the possibility of extraterrestrial life within our own solar system has not been ruled out. It is conceivable that fossilized remnants of past life could be found on Mars, or even that aquatic life could be thriving in the vast ocean believed to lie beneath the icy crust of Jupiter's moon Europa. The probability of discovering other intelligent life within our solar system, however, is nearly nonexistent. So we must look beyond our own star and planets for other hospitable worlds.

Prior to the year 1995, the number of confirmed planets located outside of our solar system was zero. There had been speculation, erroneous claims, and unconfirmed results lurking in the data collected by astronomers over many years, but not one verified exoplanet (planets outside the solar system) had been discovered. That all changed when scientists Didier Queloz and Michel Mayor stumbled upon the planet now known as 51 Pegasi b while searching the system for small dim stars known as brown dwarfs.

This bizarre planet, a gas giant about half the mass of Jupiter, defied many of the expectations astronomers had long held about distant solar systems. For instance, standard models of stellar evolution in conjunction with the laws of gravity would seem to indicate that we live in a fairly typical system, with small rocky planets forming close to the sun, and larger gas giants forming further away. Contrarily, 51 Pegasi b practically skims the surface of its parent star, completing an orbit in about four earth days!

Ironically, it was this peculiarity that allowed the detection of this planet and the dozens of subsequent discoveries that would soon follow. It turns out that Jovian sized planets, in relatively close orbits, exert sufficient gravitational force on their parent star to tug them back and forth as they complete each orbit. This 'wobble' is visible from our most powerful ground-based telescopes, and over the next decade such detections allowed us to confirm the existence of nearly 150 Jupiter-like planets.

Gas giants, however, are unlikely to support life. As exciting as their discovery may be, the real prize sought by astronomers is confirmation of an Earthlike planet. Such a planet would orbit within the 'habitable zone' of its star, at a distance that is neither too hot nor too cold for the presence of liquid water—the essential ingredient of life—to exist. Detecting such a planet is a task of epic difficulty, akin to searching for a firefly in the glare of a searchlight from hundreds of miles away.

The gravitational effects of terrestrial planets on their parent stars are far too insignificant to be detected over interstellar distances, but other methods have recently become available. With a sufficiently sensitive instrument, it is hypothetically possible to measure the minute dip in a star's luminosity as it is transited by an orbiting planet. Furthermore, it is possible to tell a great deal about a planet's composition by observing the changes in the light spectrum that occur during such a transit.

The Kepler Space Telescope, launched in the spring of 2009, is an instrument capable of just such a feat. Caution must be maintained in analyzing the data, however, as this drop in luminosity can be mimicked by other phenomena, such as sunspots. In order to confirm that a planet is responsible, the darkening must occur in a regular, periodic fashion. A planet such as 51 Pegasi b will display such a drop in light intensity every four days, but confirming the existence of an Earthlike planet could take a year or more.

Thus far, the Kepler mission has been a resounding success. We have discovered a plethora of strange and marvelous worlds, the study of which will occupy scientists for decades to come. Some of these planets nearly defy the imagination in their vastness, with masses thousands of times greater than Earth's. Others are just bizarre, like the Jupiter sized TrES-2b, which reflects less than 1% of all incident light—an albedo (reflecting power) lower than coal. To the naked eye, this world would appear pitch black. There's also Kepler-16b, a cold, gaseous planet that orbits twin suns; much like Tatooine in Star Wars. Most significantly, the first Earth-sized planets have been observed. The smallest yet discovered, Kepler-10b, is a small, rocky world, only 1.4 times as massive as Earth. It's proximity to its star, closer than Mercury to our sun, makes it an unlikely candidate for life, however.

As of NASA's last official data release in February of this year, there are 1235 candidates and 25 confirmed exoplanets. These are results from Kepler alone. Meanwhile, ground based observatories around the world have continued to make discoveries of their own. The total amount of confirmed planets has risen to about 600. While none of these worlds can yet be categorized as Earthlike in the strictest sense, the rapidity and diversity of these discoveries suggest that it is only a matter of time.



END OF LINE (STILLS)
JOSHUA CLOS
VISUAL EFFECTS & MOTION GRAPHICS BS
11TH QUARTER

This is a still from my latest project titled End of Line. It is a Tron: Legacy homage piece in which I attempted to recreate the digital world of the film surrounding my actress (Brie Barfknecht) who we shot against a green screen.



SHOWDOWN

SAM GAY
MEDIA ARTS & ANIMATION BS
6TH QUARTER

Two robots battle in the center of the city. This took a long time to outline in Photoshop.



I SCREAM CHARACTER SHEET

BLYTHE DOCKHAM
MEDIA ARTS & ANIMATION BS
10TH QUARTER

Character design and concept art for a group animated short titled, "I Scream".

AN INTERVIEW WITH TARRY LOGSDON

INTERIOR DESIGN BS, WINTER 2008

By Anj Olsen Design Management and Advertising Instructor & Ronald Farber Visual Effects & Motion Graphics BS, 12th Quarter

C?: Tell us about your recent trip to Haiti.

Logsdon: About a week and a half, two weeks ago now, I left for Port-au-Prince, Haiti with ten other volunteers, who were all a part of the Builders Association of the Twin Cities—which runs the Parade of Homes in the Twin Cities area. They put together this volunteer trip. The eleven of us landed in Port-au-Prince on a Wednesday and we originally were staying just until the following Wednesday—and our purpose there was to build a home for a family whose house was destroyed in the earthquake almost a year ago. We succeeded, we built the house—it was a 20 by 20 foot house and anywhere between five and twelve family members will be living in this house. It was a simple cinder block with tin-roof, using a few American methods, but a few Haitian methods of building as well. So it was a learning process for both of us, both Haitians and Americans.

C?: What was Haiti like?

Logsdon: Your first views of Haiti are that it's crowded, it's dusty, and it's noisy—there's a lot of horns honking constantly with the traffic. Once you get past the initial site of kind of a lot of dirt and garbage in the streets, and the unsanitary conditions, you can start to see how people are surviving and living in that. We got to see parts of Haiti outside of Port-au-Prince that are beautiful, with gorgeous blue oceans and sandy beaches and lush trees everywhere. So you could see the gem that it once was, and hopefully it will return to that state someday in the future.

C?: What did I learn from the experience?

Logsdon: It was an eye-opening experience, really finally understanding just how lucky I am to be born in the US. Simple, simple things, such as clean water coming



Photos courtesy of Tarry Logsdon

out of your tap, public sanitation, mail service—there's no mail service in Haiti. There's no garbage service at the moment in Haiti. Things that we just everyday don't even think about, and yet how much easier our life is—and what we're able to do with our life—because that's provided. That was, to me, finally becoming proud to be an American, and understanding how lucky I was to be born here.

C?: How has this experience helped you professionally?

Logsdon: First of all, it was a great networking opportunity for me: the eleven of us that went down were all in the same industry and we came back as a family. We all went through the sights and sounds and the “heart ache” together. So, that was a wonderful thing.



It's building a home and giving someone shelter, has just fueled my passion more for the industry and I'd love to do it more in the future. I feel so lucky that this is the industry we're in and can give people that little slice of heaven, so that they can go home and have a haven.

C?: Do you have hopes of doing more community service projects in the future?

Logsdon: That's a resounding “yes.” This was actually my second trip kind of like this: I did something similar in Mexico and to me, I'd much rather spend my vacation time building and doing something that can help my fellow human beings—I don't sit on a beach very well and just tan—so I might as well be working, and to me, this was the ultimate vacation and I got way more out of it than I was even able to give. I encourage and think everyone should do this at least once, if not multiple times, in their life.

C?: Looking back, do you feel students as a whole should do more community service projects?

Again, a resounding “yes.” I think you learn so much about yourself and what you're capable of doing and you know, hands on experience is to me the best experience. When you can learn to actually “core-fill cinder block” and “build the trusses”—that's not necessarily something you can learn from a book. I feel comfortable that I could do this again without having to be told how to do it. It makes you that much stronger as a designer and as a person too.

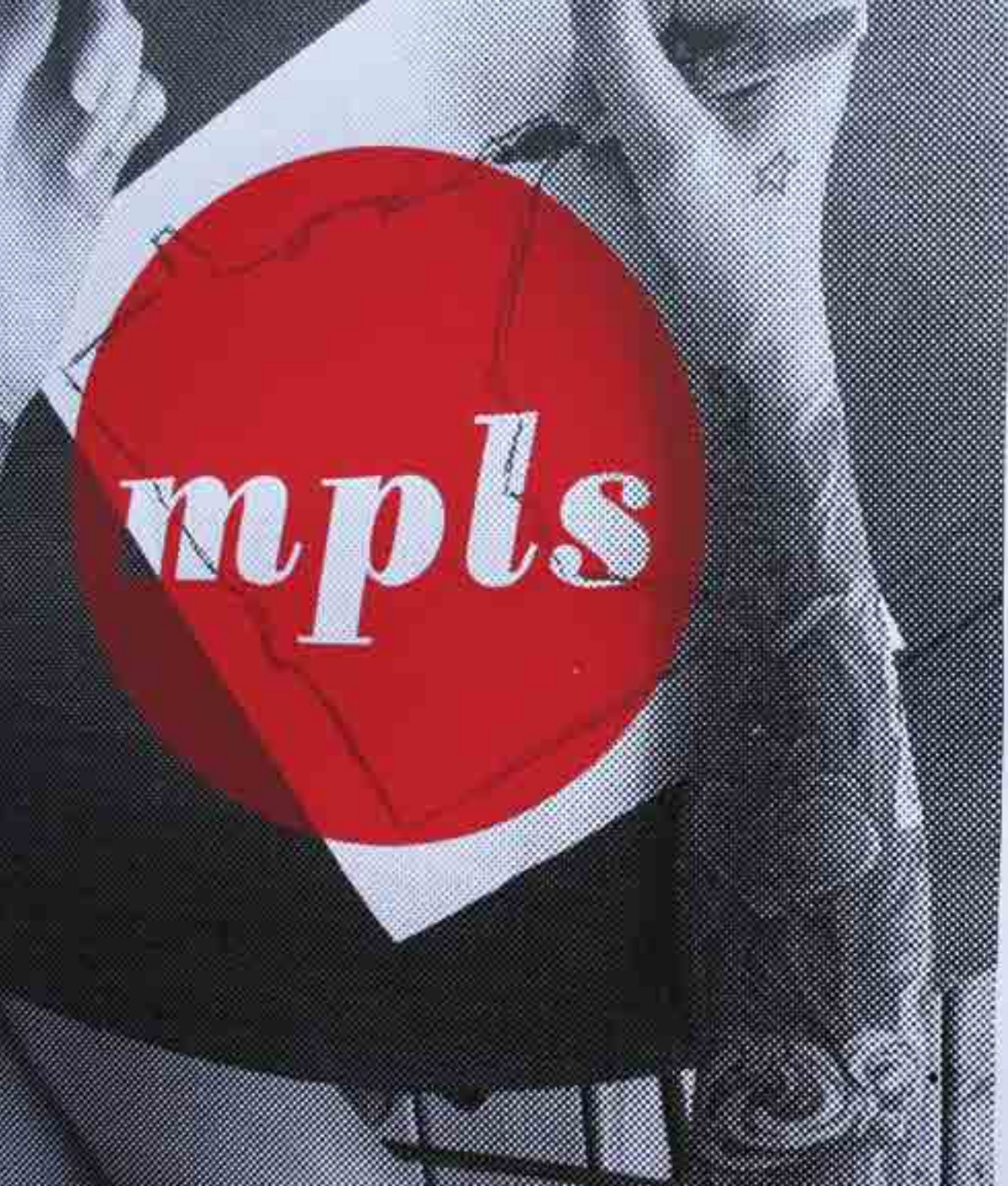
“IT WAS AN EYE-OPENING EXPERIENCE, REALLY FINALLY UNDERSTANDING JUST HOW LUCKY I AM...”

C?: As an alumni, what advice can you offer to current students and future graduates?

Logsdon: I love to network, and I love to meet people, and I like to say “yes” to almost everything. I encourage you to “join,” whether it be a networking group or just Habitat for Humanity Day or whatever it might be, but to be active in your industry. That's your community, and that's where you'll get more experiences and you'll grow as a designer and as a person. We don't live in a bubble, so we have to work with each other and the more people you can meet, the more you can help them and the more they can help you in return. So just be “active.”

C?: Is there anything you'd like to add?

Logsdon: If I were to add anything, I would thank The Art Institutes [International Minnesota] for giving me my foundation in this industry and it's from my professors and fellow students that I learned how to be involved. Without any of that, without that push to join and do, I would have never have had the experience in Haiti, which was life-changing to say the least. As anxious as I was to get home, I'm just as anxious to get back [to Haiti] and hopefully build another house.



MINNEAPOLIS
ROBERT MC GRAW
GRAPHIC DESIGN BS
SUMMER 2011 ALUMNUS
(Continued on next page)



MINNEAPOLIS (CONTINUED)
ROBERT MC GRAW
GRAPHIC DESIGN BS
SUMMER 2011 ALUMNUS



The goal of this project was to create a package set for a health and beauty product. Instead of doing something that is seen everyday, I branched out. I chose to do an old fashion shaving kit,

one that would include a straight blade razor, leather sharpening strop, silver tip badger hair shaving brush, a shaving cream soap bar, and a mug. The brand I created is called KEEN. The word 'keen',

is also known as sharp and or razor edge. I felt like the name fit perfectly for this brand. I wanted KEEN to be seen as more of a modern company but with historic roots, old fashion style with

strong typographical design elements. I wanted the brand's image to come off as clean and crisp, as the product would leave your face.

MESSAGE FROM THE PRESIDENT

By Dr. Jeffery Allen

As we all know, representatives of the Higher Learning Commission of the North Central Association of Colleges and Schools (HLC) visited The Art Institutes International Minnesota (Ai Minnesota) November 7-9, 2011 to conduct a comprehensive evaluation of our institution.

The HLC site visit was a crucial step in the accrediting process following the submission of our self study titled Creating Tomorrow, and our formal Request for Initial Accreditation.

We have been on an exciting journey of discovery during our self-study process. As mentioned in HLC Accreditation Update #6, “Creating Tomorrow is an interactive self study housed on Ai Minnesota’s Resources website. Simply locate <http://aim.aiiresources.com/hlc> and use the website’s toolbar to navigate the documents. Readers are invited to acquire a comprehensive understanding of Ai Minnesota as an institution of higher learning and of how well it operates within the framework of HLC’s Criteria for Accreditation.”

The second paragraph of our self study begins, “The campus’s institutional objective is to provide students with an excellent education.” This objective was brought home to me during a recent faculty development discussion in October. One after another faculty member spoke about how they were proud of what they were accomplishing as they teach in the classroom. They spoke about the rigor and challenges, and they expressed their sense of satisfaction when students overcome obstacles in order to learn and succeed.

In their meta-study, “How College Affects Students,” higher education researchers Pascarella and Terenzini (1991) document the positive impact college education has on learning and cognitive change, liberalization of attitudes and values, occupational status and earnings. Because of this, we are privileged to be in a position to share in the educational experience with our colleagues and students. This quality educational relationship not only makes us proud, but also gives us meaning, growth, and delight, (Allen, 1998, p. 58).

We do provide an excellent education to our students, as echoed by our faculty, and the HLC visiting consultant-evaluators in their exit meeting with us. The following are current strengths and future opportunities identified by the visiting team:

Strengths:

- There is a wonderful spirit of community and mutual respect among students, faculty and staff
- Students do come first!
- Students spoke highly of their experiences at the college
- There is a collegiality among faculty members and faculty longevity at the college; faculty are “in touch” with their fields
- The senior staff members are dedicated, experienced, and provide excellent leadership
- The Board of Trustees members are committed and bring good experience to their roles
- There is transparency and trust around planning, and the President was credited with his leadership around this issue
- The curriculum is solid and “applied,” the syllabi consistent, and learning outcomes specified; the curriculum is responsive to industry needs
- Assessment of student learning is well conceived and designed, and results are used in decision-making
- The college is flexible, responsive, and nimble
- The team was very impressed with the extent of our tuition reimbursement support for faculty who are continuing with graduate education
- The College has a good student life program
- Placement rates for employment are exemplary (“we would all like those rates”) which is both a testament to Career Services and academic teaching and curriculum
- We have a terrific location and attractive facilities; Pence is nice addition to our space
- The college is solvent and financially responsible, and resources are allocated appropriately to academic programs and student life
- All Minimum Expectations have been met



Photo courtesy of Dr. Jeffrey Allen

Opportunities

- Continue to probe reasons for differences in persistence rates by program; what things can the college influence to help students persist?
- Continue current discussions on General Education, including the course numbering system; highlight General Education in the catalog, including philosophical underpinnings, and feature it at the beginning of the academic section
- Explore ways for students to work in interdisciplinary contexts
- With the newly approved mission, continue to explore diversity, especially the inclusion of global perspectives in the curriculum and within the college
- Consider creating a resource “pool” that could be competitively applied for to support faculty and staff development
- If a downward trend in student satisfaction is observed in survey data, continue to probe the reasons for those declines; issues were mentioned around admissions and transfer of credit
- As the college contemplates future space needs, consider spatial configuration to enhance the expressed value of community-building
- Determine whether health records should be in student files; determine whether requests to waive consideration of previous college

transcripts are appropriate

- Continue to encourage the building of faculty and student electronic portfolios
- Consider using the college as “the client” for student work

A report will be crafted, reviewed by HLC, and forwarded to us for consideration of “errors of fact.” We will continue to keep academic quality at the forefront of all we do. It is my hope that you will think of these things as we reflect on the accomplishments and goals documented in our self study, and as we move forward, Creating Tomorrow.

References:

Allen, J. (1998). Human service theory and action: an applied model for community services, health care, education, corrections, and long term care. Thesis, University of Minnesota. Minneapolis, Minnesota.

Pascarella, E. & Terenzini, P. (1991). How college affects students. San Francisco, CA: Jossey-Bass, Inc.

Revised Mission

After input from our Board of Trustees, faculty, staff and students, our Revised Mission Statement has been approved. Thank you all for your participation and input in helping draft our Mission, Vision and Values, which guides everything we do.

Mission

The Art Institutes International Minnesota prepares students through quality collegiate programs in the design, media, applied management and culinary arts to pursue a career in a global environment.

Vision

The Art Institutes International Minnesota will be a recognized leader in higher learning, responding to evolving industry and community needs.

Values

The Art Institutes International Minnesota is a creative learning community that values:

Integrity in how we act and what we do.

Innovation and creativity by fostering new ideas through teaching and learning.

Diversity by appreciating and valuing each other’s needs and abilities.

Quality through assessment and improvement, which leads to the success of our graduates.

Life-long learning with a passion for continued inquiry.

Social and civic responsibility by being mindful of others, our communities and our world in all that we do.



FOREVER YOU AND I
HANNA VOXLAND
PHOTOGRAPHY BFA
1ST QUARTER

This is my photo "Forever you and I." I took the photo with a Nikon D80. I intended to portray the longing of a loved one and the hurt which comes along with it. I told my model the thought I wanted her to portray, and she remembered the past pain of losing someone dear to her.

WINNER
2011 STUDENT POETRY CONTEST
[TO THE OMINOUS]
JUSTIN STUBLESKI
PHOTOGRAPHY BFA
10TH QUARTER

TO THE OMINOUS VOIDS I CAST MY SOUL, AND MY HEART TO THE DEPTHS OF SALT RIDDEN SEAS.
TO THE OMINOUS VOIDS I CAST MY SOUL, AND MY HEART TO THE DEPTHS OF SALT RIDDEN SEAS.

UNTITLED
ANGELA BAGGETT
PHOTOGRAPHY BFA
5TH QUARTER
Digital Photographic Production
landscape final.





UNTITLED
HEATHER FROST
INTERIOR DESIGN BS
SUMMER 2011 ALUMNUS



UNTITLED

ERIN KRAUSE
PHOTOGRAPHY BFA
7TH QUARTER

Taken while walking along Nicolette
for Editorial Photography

STAFF

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INTERIOR DESIGN BS, 10TH QUARTER

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VISUAL EFFECT & MOTION GRAPHICS BS, 12TH QUARTER

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GRAPHIC DESIGN BS, 9TH QUARTER

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GRAPHIC DESIGN BS, 8TH QUARTER

ADAM VALLEY - LAYOUT ASSISTANT
GRAPHIC DESIGN BS, 2ND QUARTER

KATE ENGELMANN - STAFF PHOTOGRAPHER
PHOTOGRAPHY BFA, 7TH QUARTER

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COLOPHON

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DISCLOSURE

See aiprograms.info for program duration, tuition, fees, and other costs, median debt, federal salary data, alumni success, and other important info.

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THANK YOU

C² would like to thank Express Press for the Superior quality and service they provide in support of our publication.

DEGREE KEY

BFA BACHELOR OF FINE ARTS
BS BACHELOR OF SCIENCE

COVER



MISTY MORNING ON LAKE INSULA

KATIE ENGELMANN
PHOTOGRAPHY BFA
7TH QUARTER

A misty morning over Lake Insula. We camped only miles away from the BWCA's Pagami Creek fire which consumed 92,00 acres and burned for two months.

