

# EVERGREEN

The Evergreen State College Magazine

Spring 2008



**It's In the Way That You Use It**  
From science labs to media arts, Greeners  
take technology in unexpected directions

## Putting Technology to Work



Digital technology continues to change how we learn, create and communicate. Evergreen's integrated learning environment is a springboard for innovation, bringing students together with the tools they need to make a difference in the world.



# Technology Evergreen Style

In an era dominated by technology, it's important to remember that technology is the starting point, not the end point. It's what we do with technology that matters. As you will read in this issue of our magazine, Evergreen students, faculty and alumni are using a wide range of technologies to accomplish extraordinary things.

From media arts to scientific inquiry, to computer-based technologies and services, Greeners are making their mark.

Our students have hands-on access to tools and technologies they might never see in other undergraduate institutions. Our interdisciplinary approach encourages them to explore the context and implications of technology, not just the mechanics. From there, we challenge them – and they challenge us – to apply these tools in innovative ways.

Faculty members don't just convey information. They act as catalysts for learning, in dynamic partnership with students and each other. Ongoing combinations of distance and high touch learning, such as the Enduring Legacies Project (supported by the Lumina Foundation), are one way technology allows Evergreen to reach out to place-bound students, especially Native American students, in our area. New facilities, like the Center for Creative and Applied Media, will give faculty across campus expanded opportunities to engage students with our increasingly digital world.

I invite you to join me in celebrating our collective successes and the incredible potential we continue to foster each day at Evergreen.

Thomas L. "Les" Purce  
President

## Ryan Hudgins

Evergreen sophomore Ryan Hudgins created the photo illustrations that lead off each of this issue's features.

"I grew up in Federal Way and Seattle, Washington, and headed south last year to Evergreen to pursue film and video. I quickly moved towards conceptual installation, sculpture, and photography, however, in Erica Lord and Gail Tremblay's program, Creating a Conceptual Framework for Images. The class changed the way I made and thought about art, stressing that ideas and aesthetics should bear equal weight in a work. This year, I have shifted my focus to drawing, while continuing my three-dimensional work through fiber and video installation. With the support of art faculty member Matt Hamon and a small collective of advanced student artists, I've spent the past two quarters studying and making art independently, and occasionally showing my work at temporary student-run galleries around Olympia.

"My current work examines common experience. With source images culled from esoteric and dated periodicals – most often of people winning awards, shaking hands, and cutting ribbons – my drawings approach the small achievements and joys of others with a kind of reverence and with some comfort in the idea that everyone is, in some way, exactly like everyone else."



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**On the cover:** Lynda Weinman, '76, a respected Web graphics and design veteran, has been at the forefront of Web development since its infancy.

Cover photo: Carlos Javier Sánchez '97

# Techie Entrepreneurs

**In the early 1970s**, when Evergreen was new, the idea that an individual could own a computer, let alone one that fit into the palm of a hand, was as implausible as the idea of a portable gadget that could be used to make a phone call or an appliance that could cook food with radio waves.

At that time—long before the dawn of public Internet access—the college had just two refrigerator-sized central processors. Located on the third floor of the library, they were wired to several terminals scattered around the campus, which were shared by students, faculty and staff alike. In a 1971 document about the objectives of computer services at the school, a discussion about where to place this hardware warned: “A rain soaked trudge, with no guarantee that the unit is free, hardly generates high morale or favorable attitudes towards computers.”

Today, the college has hundreds of networked workstations. Virtually every square foot of the campus is covered by open wireless access—an absolute necessity in the age of “nomadic computing,” when students arrive with PDAs, MP3s, laptops, digital cameras, and multifunctional cell phones.

In the face of the rapid technological change that has taken place over the past few decades, Evergreen alumni have skillfully harnessed the latest digital tools and used them as a springboard to realize their entrepreneurial dreams. Some, like Lynda Weinman '76—who has taught tens of thousands of people how to use different software programs—never touched a keyboard while they were in school. Others, like Young Harvill '76, helped to shape the tools now at our disposal. Still others, like Chris Baggott '83, are applying those tools to shift the prevailing paradigms.

As the technology progresses, Greeners—who have been steeped in an integrated learning environment that fosters flexibility, openness, personal responsibility and collaboration—will no doubt be among the best prepared to manage the future.



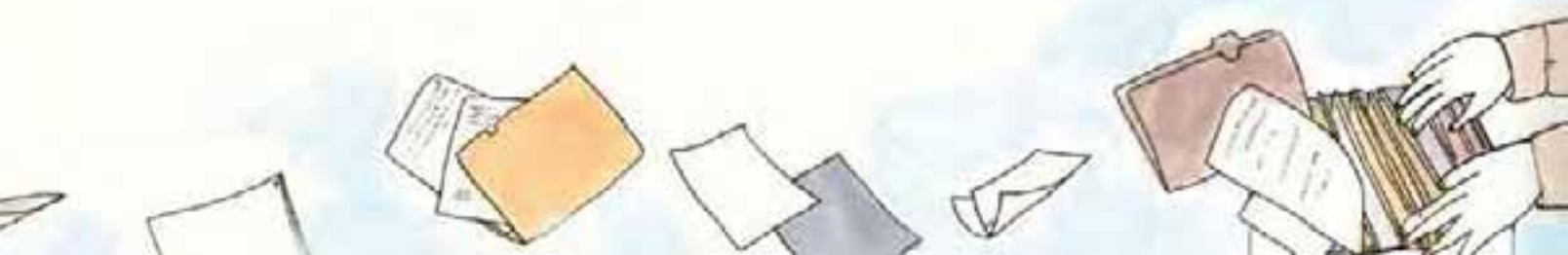
Lynda Weinman  
**WIRED  
TO TEACH**



Young Harvill  
**ARTISTRY IN  
CYBERSPACE**



Chris Baggott  
**TURNING Technology  
ON ITS HEAD**







## Lynda Weinman

# WIRED TO TEACH

By Carolyn Shea

**Go to Lynda.com** and you will find about a thousand testimonials from satisfied customers around the globe who have benefited from the site's online digital media training. Read through a few and you realize that this virtual learning hub has such a thankful following because it empowers its customers and changes their lives.

People like Jacques D., who reported winning a contract for a job after using Lynda.com to take a “crash course” in a software program required by the client. “I got the work the next day!” he exclaimed.

And Lisa G., who was stymied because she couldn't edit digital videos. “Anyone with a video camera and a dog had a movie on YouTube,” she wrote, “and I had no idea how those little movies were made. I had a dream to expand a textbook project that I have started but I needed to be able to edit video to accomplish my goals. I have JUST started coursework on your site and already the mystery has been cleared up and I actually believe I can do this! Thanks for rejuvenating a 50-year-old woman!”

And Fred R., who wrote: “OMG! I'm on Christmas holiday and my family can hardly tear me away from my PC because I'm hooked on lynda.com.”

The proprietress of this buzzing, sometimes habit-forming enterprise is **Lynda Weinman '76**, a respected Web graphics and design veteran who has been at the forefront of Web development since its infancy. A sought-after teacher, she has been hailed as a “legendary Web design guru,” “the goddess of Web graphics,” and a “creative genius”—titles to which she would no doubt object. In fact, she has been quoted as saying, “I hope people don't put me on a pedestal. I'm really just a student of this stuff myself, who loves to pass on what I learn to others. It's not about me at all, it's just something that bears my name that I started, but it's the culmination of something so much bigger than myself.”

Lynda.com—the culmination of the past 13 years of her work—has evolved from a site that originally offered ten video courses online to one that now boasts hundreds more, on a broad range of software and subjects from After Effects to XML.

To keep pace with emerging software and technology, new titles are constantly added to the growing line of teaching materials, with topics for beginners and professionals alike. At press time, the site offered 416 courses, each taught by instructors who are not only proven experts in their fields, but also clear communicators and good teachers.





Need to know how to do something in Dreamweaver, Photoshop, FileMaker Pro or any of hundreds of other programs? For \$25 a month or \$250 a year—a bargain in the computer training arena—subscribers to Lynda.com's Online Training Library have unlimited access to any and all of the more than 28,000 QuickTime video tutorials on an ever-proliferating number of software and design topics. "It's all-you-can learn training," says Weinman.

Weinman didn't set out to do what she's now doing. In fact, she describes her livelihood as "one gigantic, happy accident." She completed her studies in humanities at Evergreen in three years, having never touched a computer (the first mass-market personal computers were not available until the late 1970s).

After graduation, she headed back home to California. At age 23 she opened the first of two shops she owned in Los Angeles. Both were named Vertigo, after her fondness for the influential director Alfred Hitchcock's movie by the same name.

*"I hope people don't put me on a pedestal. I'm really just a student of this stuff myself, who loves to pass on what I learn to others. It's not about me at all, it's just something that bears my name that I started, but it's the culmination of something so much bigger than myself."*

In 1982, she left the retail business, initially pursuing a career in special effects and animation after being introduced to the film industry by friends working in the field. She became an animator and a motion graphics director, working on such films as *Star Wars Episode VI: Return of the Jedi* and *Bill & Ted's Excellent Adventure*, and directing music videos for Lyle Lovett and Howard Jones.

She began dabbling with computers in her late 20s, getting the first edition of a Macintosh a couple of years later. Entirely self-taught, she soon developed a passion for using the machine in her work. She realized early on "that the whole paradigm was shifting from pen and ink to computers. It was very transformative."

Within a year, she was earning her living by doing computer motion graphics and animation. After the birth of her daughter Jamie in 1989, she started teaching computer graphics at Art Center College of Design in Pasadena, Calif., where she taught until 1996. "I found I loved to teach. I didn't realize it would be something I would want to do."

Weinman launched her first Web site in 1995 to promote her graphics work and to enable her design students to check on assignments.

Thinking her students would also want to learn the new technology, she searched for a suitable textbook on Internet design. Finding none, she decided to write one herself. Her book, *Designing Web Graphics*, is credited as the first industry book on Web design, but it came out originally as magazine article installments because she was unable to find an interested publisher. The publishing world soon realized there was a demand for the subject, and when the book was

finally published in 1996, it became an immediate hit. Now in its fourth edition, it has been translated into dozens of languages and is considered a classic in the field.

The book's success put Weinman in great demand for speaking and teaching engagements, which took her away from her home in Ojai, Calif., and her young daughter more than she wanted. Her husband believed students would come to her, so they rented a school computer lab and scheduled her first class. It was a sell-out, with one woman flying in from Vienna, Austria. "That's when we realized the reach of the Web," Weinman says.

She moved the classes entirely online in February 2002. Since then, hundreds of thousands of students have signed on for training. Weinman helps to shape course content and teaches some courses, along with dozens of other instructors who are experts in the topics they teach. Last year, she moved the business, and her residence, to Ventura, Calif., where she employs 85 people.

Weinman has established herself as a leading voice in Web design. She has written 15 books and has her own imprint, called Hands-On Training (H.O.T.), with Peachpit Press. She has worked as a consultant for Adobe, Apple, and Microsoft, and has conducted workshops throughout the world. She has been a keynote speaker, moderator, and lecturer at numerous design, animation, Web design, and computer-graphics conferences. She also co-founded the Flashforward Conference and Film Festival, the largest Adobe Flash conference in the world, in 2000.

"I was in the right place at the right time with the right skills," she says. "I went from being an early computer adopter to an early Internet adopter to an early teacher of the technology."

Weinman gives Evergreen a great deal of credit for her success—and for her approach to teaching. "What Evergreen teaches is 'find what you are interested in and impress us.' If you are serious about a course, you don't have to tick off this requirement and that grade on a scale of 1 to 5. The whole emphasis is on finding your calling, finding what moves you, finding your passion. That's influenced Lynda.com. It's up to the individual. We're supportive of all different types of experiences and learning styles."

While you're exploring Lynda.com, you may find yourself sucked into the vortex of devotees. Newcomers get a free week to delve into the site's content before the subscription gate comes down, an effective hook. Courses range from three hours to 32 hours in length, with each one broken into several small video files to allow users to absorb lessons in manageable segments. Users learn at their own pace, watching whenever they want, right from home. Lynda.com gives people the training to move ahead in their work, or even to change careers. "It's like 'skill insurance,'" Weinman says, "just knowing that this huge knowledge library is there at your fingertips."



## Young Harvill

By Carolyn Shea

# ARTISTRY IN CYBERSPACE



*“The arts really benefit from the technology.”*

**Young Harvill, '76**, has a long list of high-tech accomplishments to his name. He has participated in the births of several influential Bay Area technology firms, including one of San Francisco's first multimedia companies—Paracomp, which was later acquired by Macromedia—and he was a principal investigator on several patents. His titles have included research fellow, senior engineer, chief scientist, chief technology officer, vice president of engineering, and vice president of research and development.

Harvill is a virtual reality (VR) pioneer. He co-created the DataGlove, an early VR device, and invented Swivel 3D, one of the first modelers for desktop computers in which a three-dimensional model is generated from a flat image. He designed Macromodel, a 3-D multimedia modeler, and the Pulse Creator, a Web authoring tool that allows a user to add life and personality to computer-generated images by combining 3-D modeling with interactive, realistic character animation. Plus, he co-developed the Director Player – the precursor of the Shockwave multimedia player.

So it comes as a surprise to discover that Evergreen's library lays claim to a limited edition book Harvill made in 1978, while he was an adjunct faculty member teaching fine arts at the college and working in the printmaking studio. Entitled *Las Momias de Guanajuato: A Suite of Five Photo-Gravures Photographed, Designed, & Printed by Young Harvill*, the book holds prints handmade by using the process of photogravure—the name of which is derived from the French words for “light” and “engraving.”

photos: Carlos Javier Sánchez '97



Harvill, it turns out, is one of those rare souls who are able to nimbly navigate across the sometimes-wobbly bridge between science and art. And he is frequently focused on using light to convey three-dimensional space, and thus to create models that approximate life itself.

Harvill's interest in the fusion of visual arts and technology was formed early on. He learned to count and do arithmetic in binary code from his father, a one-time field engineer and computer operator for the company that made UNIVAC, the world's first commercial computer. He listened to his dad and his brother work out algorithms for solving problems, and often had opportunities to play on a computer, writing simple programs in Fortran. But his interest in the machine was only really piqued when it gained a rudimentary capability for generating graphics, which happened with the development of PLATO, an early computer-assisted instruction system that allowed users to plot lines of light.

His fascination with light in space prompted him to later study holography—a form of photography that uses laser light to record an image in three dimensions—first with Lee Anderson, an electronics whiz at Evergreen, then at Stanford University, where he earned a master of fine arts in 1984. He was later granted a fellowship from Stanford to further his work in printmaking and computer-controlled holography.

After graduating from Stanford, Harvill worked for a year with the Anderson Collection, one of the world's largest and finest private collections of 20th century American art. At the time, he was a student spouse; his wife Ann Lasko-Harvill, whom he married in Olympia in 1977, was studying product design engineering at Stanford. In his spare time, Harvill wrote the program for Swivel 3D, a software program for creating computer art, which gave users the ability to build interesting worlds on a Macintosh computer. He licensed the program to VPL Research, the first company to sell VR products.

In 1985 Harvill joined VPL, becoming the company's fourth employee. He worked on RB2 ("Reality Built for Two"), the first VR system, and co-invented the DataGlove, one of the world's first commercial VR products, which graced the October 1987 cover of *Scientific American*. Wired to a computer, the interactive DataGlove used fiber-optic bundles to discern hand movements and transmit the information to a computer, where the movements could be duplicated. The device made it possible to translate the wearer's gestures into manipulations of virtual objects, which has had applications in fields from gaming to remote-control surgery.

From there, Harvill went on to co-found Paracomp in San Francisco. The company's products included design and visualization software targeted at such market niches as desktop publishing, industrial design, engineering, and film and video production. While he was there, he designed a new 3-D modeler, MacroModel. During its life cycle, MacroModel (later called Extreme 3D) was the most widely distributed multimedia modeler. He was also responsible for integrating different media editing applications and designing integrated

media players. This work, with David Jennings, culminated in an integrated version of the Director Player, which became the successful Shockwave multimedia player. Paracomp merged with Macromind to become Macromedia in 1991. In 2005, Adobe acquired Macromedia.

Harvill left Macromedia in 1994 to start Pulse Entertainment, where he was the chief technology officer. Initially, the company made successful CD-ROM games but in 1997, it shifted its focus to the Internet and created Pulse Creator and Pulse Player. These animation tools allow artists, animators and web designers to produce talking characters and interactive product demos. He worked on Veepers, which creates avatars—interactive characters—for the Web and mobile devices. *Red Herring* magazine selected Pulse as one of the top 50 private companies in 2000. The magazine noted that the company had "built a solid infrastructure headed by a team with a legacy of success in technology and the business of technology," and named Harvill as one of the team's key members.

Harvill, who lives in Half Moon Bay, Calif., remained at Pulse for 12 years until he decided to "downshift" a couple of years ago. He became a senior engineer at Zazzle.com, writing the code that allows the Silicon Valley firm to "do interesting projects in graphics." Among the products Zazzle.com creates are personalized postage stamps, T-shirts, and other novelties like calendars that can be customized with digital images.

At around the same time, Harvill endowed Evergreen with the Tom Rye Harvill Award to honor his father, who died in 1997. Open to faculty, staff, and alumni, the \$5,000 award makes it possible for the recipients "to explore the intersections of art and science through the visual arts, literature, multimedia, dance, theater and any other compelling media including those emerging from the hard sciences." He created the award because of his belief that "one of the surest ways to generate a sense of happiness is to give things away."

Harvill believes Evergreen made it possible for him to merge his interest in technology and the arts, the latter of which he said is oftentimes considered a "poor cousin to technology."

"What's amazing about Evergreen is that it manages to have structure and essentially a will to teach that is very definite and very strong and yet not composed of artificial boundaries between things," he says. "I don't think I would have been able to be an arts student and do computer programming and self-paced work and also be on the arts staff and do holography anywhere else. It's not very likely. The arts really benefit from the technology."

And vice versa.

With his deep knowledge of both computers and art, this inventor of some of the key components of VR and modern computer technology continues to be interested in printmaking, using a mix of old and new media to transmit information, emotions, and light.



Chris Baggott

## TURNING Technology ON ITS HEAD

By Carolyn Shea

Far from Silicon Valley, in the third largest city of the Midwest, **Chris Baggott '83**, has established himself as a high-tech entrepreneur, an authority on online marketing and a voice for the Internet's power to democratize the business world.

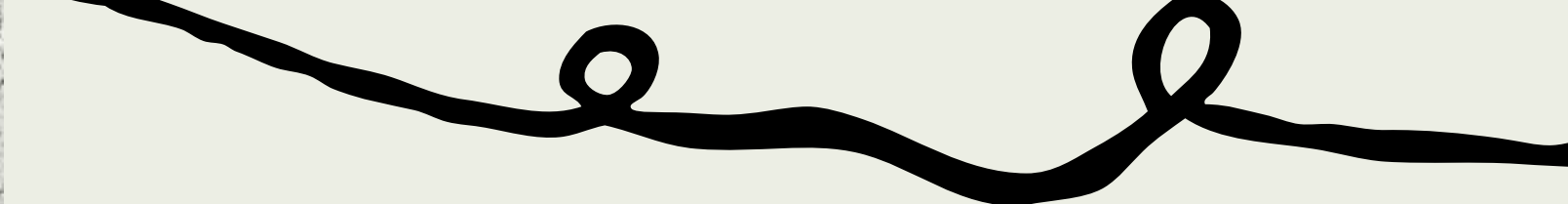
Baggott, who once made his living as a whitewater river guide, is a founding partner of two successful e-marketing companies headquartered in Indianapolis, Ind. His first, ExactTarget, a provider of email marketing software, ranked among the fastest growing companies of 2006 and was recently recognized by JupiterResearch, a top analyst firm, as a market leader in its industry. His most recent venture, Compendium Blogware, makes blogging software designed specifically for businesses, and has seen its bookings virtually double every quarter since it opened its doors last year.

Baggott launched ExactTarget in 2000—in the wake of the dot-com bust—with two associates and an initial investment of \$200,000. Within six years, it blossomed into a \$31.2 million enterprise. As chief marketing officer, Baggott was responsible for forging the company's strategic direction, new business development and partnerships. But the real driver was the founders' starting premise: Email is a marketer's dream. When used properly, nothing is more personalized, interactive or easier to execute.

"All organizations are trying to develop better relationships with their constituents. It's the holy grail," says Baggott. "Beyond face-to-face encounters or the telephone, email is the only way to have a dialog, an actual one-to-one conversation in a medium that is almost universal. It gives companies of all sizes the ability to leverage data and deliver the right message to the right people at the right time. It puts sophisticated marketing tools in the hands of the marketers and cuts out the middlemen."

ExactTarget's basic proposition of leveraging technology to improve business-customer relationships quickly caught on. Its direct client base has risen to about 3,000 organizations, from small retailers and local businesses to such giants as The Home Depot, Expedia.com, and Liberty Mutual. In December, the firm—which employs nearly 300 people—announced plans to go public this year with a common share-offering price that could reach \$86.3 million, according to a filing with the Securities and Exchange Commission. *Fortune* magazine responded by listing it as a "hot IPO of '08."





Now considered an expert on database and email marketing, Baggott often speaks about best practices at conferences, tradeshows, and regional business and marketing organizations. He has been quoted in *The Wall Street Journal*, *Forbes*, *Inc.* and *Adweek*, and was approached by Wiley, a business-book publisher, to write a book. The result, *Email Marketing By the Numbers: How to Use the World's Greatest Marketing Tool to Take Any Organization to the Next Level*, was released in April 2007.

A few months before the publication of his book, Baggott stepped aside from his day-to-day management role at ExactTarget (he remains on the board) to launch a new venture dedicated to organizational blogging. Compendium Blogware helps its business customers create and use blogs for search engine optimization—in other words, to push them higher in Google search results and boost their visibility—which ultimately helps them reach more customers and generate higher revenue. Fleshed out during Saturday meetings at a local Starbucks, the firm—which simplifies blogging with user-friendly tools designed specifically for businesses—is expanding rapidly.

“We started with two people. We’re now up to 25 and we’re growing by about seven employees per month,” says Baggott, who serves as Compendium’s CEO. “Our clients, which now number about 150, run the gamut from small mom and pops, to law firms, nonprofits, hospitals, publishers, pretty much any type of organization you can imagine—even universities.”

Baggott was an early occupant of the corporate blogging bandwagon, climbing aboard in early 2003 while he was helping to build ExactTarget. He started a company blog called “Email Marketing Best Practices.” It became a hit in the business world, garnering kudos from *Forbes*, which named it a “Best of the Web” site, and *MarketingSherpa*, whose readers voted it the “Best Online Marketing Blog.”

Baggott says the first thing that attracted him to the blogosphere was its humanizing effect. “Before blogs, nearly all corporate communication was sterile, institutionalized, safe—as if organizations weren’t made up of people, or that they weren’t talking to people. The very concept of a collective group called ‘consumer’ is insulting. Companies are people. And customers, prospects, members, they are all people, too.”

“As I was studying and fooling around with blogging, I began to see its enormous potential as an effective and ethical business tool,” he says. He also saw that businesses had no access to dedicated blogging platforms like Movable Type, Blogger and Typepad, which give personal bloggers the tools to get started. “There was nothing designed specifically for the needs of organizations from a management or ROI [return on investment] standpoint. Recognizing that this could help both organizations and constituents as well—a win-win—I was compelled to start the company.”

Blog search engine Technorati currently tracks 112.8 million blogs and reports that 175,000 new ones are launched each day. But businesses have entered the fray more slowly than individuals. One estimate puts the number of Fortune 500 companies with blogs at 60—12 percent of the total. Given the medium’s power to build communities in the marketplace, Baggott believes organizations of every size and stripe will eventually make blogging a cornerstone of their marketing strategies.

When Baggott collected his diploma, the World Wide Web was still a decade away from its debut. Nevertheless, he was ready to seize the opportunities it later presented. “Evergreen helped prepare me by first putting a computer in my hands. I did all my homework on a computer.”

At one point in his life, Baggott nearly abandoned the idea of finishing college. He left the first school he attended after a year. “It didn’t work for me,” he says. He worked for a while as a river guide and on a ski patrol. Then he learned about Evergreen from an acquaintance and decided to give it a try.

After graduating, Baggott began his career in sales at Abbott Laboratories in Buffalo, N.Y., spending five years with the company’s diagnostics division. He then became a marketing manager for RR Donnelley’s catalog business in Chicago, where he honed his skills in database marketing.

From there, he and his wife Amy, who have four children, decided to move to her hometown outside Indianapolis, where her father was the town doctor and life was easier. Baggott got his first taste of entrepreneurship there, buying a local dry cleaning business that he eventually built into a chain with seven outlets. It grew, in part, because of the loyalty-enhancing email newsletters he created for his customers. These communications included useful information like fabric care advice and special offers and coupons. But when the “business casual” trend took hold in the 1990s, people stopped wearing suits. The business went bust.

Baggott took the lessons he learned from this failure—and his education at Evergreen—to his next startup, ExactTarget. “Evergreen changed my life,” he says. “It taught me about flexibility, responsibility, and collaboration. As a student, you’re well trained and treated with respect. I always felt at a competitive advantage because of my education.”

He speaks to many audiences about marketing democracy. “In the past, successful marketing has always been about how big your budget is,” he explains. “Today, with the Internet, the playing field is leveling and it’s actually an advantage to be more local. It speaks to sustainability and a trend towards focusing closer to home and human beings and away from gigantic institutions and a focus on brands. This is a very Evergreen thing.”

# EXPERIMENT AT EVERGREEN:

## Transforming Students into Scientists by John McLain

Evergreen senior Melissa Pickett holds a pipette like an ice pick. With Zen-like efficiency she snaps on a plastic tip, draws a sample from a vial, deposits it into another vial containing clear liquid, discards the tip, and starts the process over. Each new vial, now on ice, contains ethanol and a sample of Malagasy lemur DNA. The ethanol and cold will concentrate the DNA into large enough quantities for analysis.

A few minutes later, Pickett weighs my first question—“So tell me about your work”—while nursing a 20-ounce coffee in anticipation of a long night ahead at the lab.

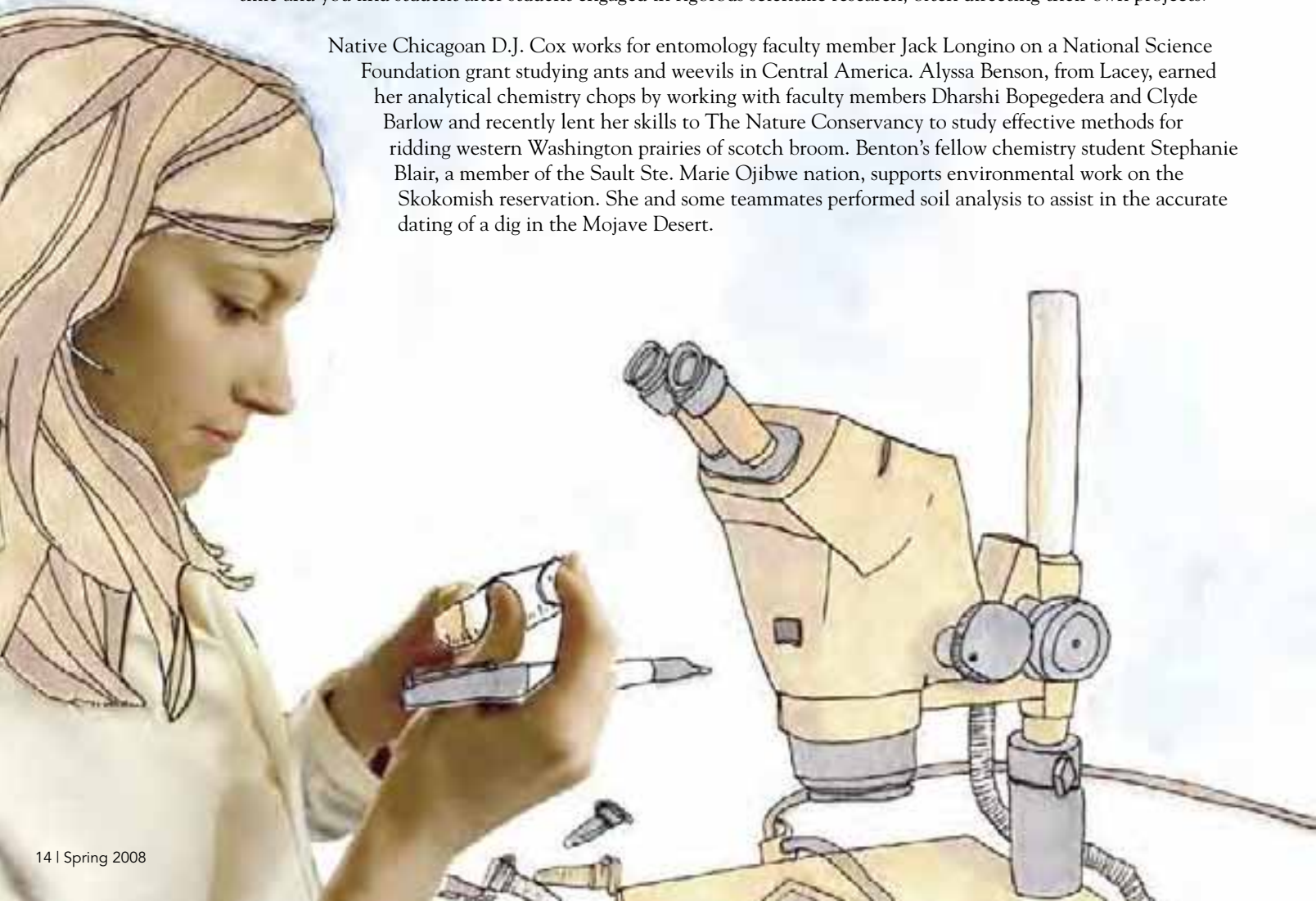
“How about I draw it for you?” she says, picking up a pen and tablet and plunging into a whirlwind tour of mammalian cell structure, how viruses infect organisms, distinguishing features of retroviruses, cell proteins that inhibit viral replication, and the evolutionary history of lemurs over the past 65 million years, give or take a few hundred millennia.

Pickett has partnered with faculty member Clarissa Dirks, a virologist, to discover why lemurs from Madagascar have a built-in resistance to HIV and similar retroviruses. Pickett has staked out her own corner of the work, examining how a particular lemur cell protein, TRIM5, may block HIV infection. She recently learned that a Harvard lab is on the same TRIM5 trail.

“I’ve got to work fast,” Pickett laughs.

Pickett’s command of her subject is more remarkable because she’d never even picked up a pipette until September 2006, when she enrolled in the full-time program Molecule to Organism. But hang around Evergreen’s labs for any length of time and you find student after student engaged in rigorous scientific research, often directing their own projects.

Native Chicagoan D.J. Cox works for entomology faculty member Jack Longino on a National Science Foundation grant studying ants and weevils in Central America. Alyssa Benson, from Lacey, earned her analytical chemistry chops by working with faculty members Dharshi Bopegedera and Clyde Barlow and recently lent her skills to The Nature Conservancy to study effective methods for ridding western Washington prairies of scotch broom. Benton’s fellow chemistry student Stephanie Blair, a member of the Sault Ste. Marie Ojibwe nation, supports environmental work on the Skokomish reservation. She and some teammates performed soil analysis to assist in the accurate dating of a dig in the Mojave Desert.



On a recent trip to Seattle's Fred Hutchinson Cancer Research Center, faculty member Clarissa Dirks introduced senior Melissa Pickett to two world-renowned scientists. "I sat there and watched Melissa convince them of certain points and defend her arguments scientifically," says Dirks. "A year and a half ago she'd never had a lab research experience, and now she's holding her own with two stellar scientists."

photo: Paul Reynolds, photography intern



For a small liberal arts college, Evergreen has been turning out exceptional science graduates for more than three decades. Science alumni work in local, state and national government. A good number punch in at prestigious organizations in medicine, technology and industry, including NASA, Battelle, Biogen, Harborview, Los Alamos National Laboratory, Seattle Biomedical, Boeing, and Amgen.

Evergreen's undergraduate science program is really a 37-year-old experiment of its own in which the conditions are always changing and the results are unpredictable.

Not everyone who studies science at Evergreen will work in a scientific field. Agriculture students may want to gain knowledge of botany or chemistry, visual artists to explore microscopy, humanities students to understand the role of science in culture. "One of the best things about Evergreen," according to D. J. Cox, "is if you really show an interest in something, there will be faculty who allow you space and time to develop that and go crazy on it."

And if it's a career in science you're after, Evergreen offers not so much an undergraduate education as an entry-level apprenticeship in the profession. It's an approach that sharply diverges from science programs at traditional colleges and universities.

### **LAB MANUAL—TEACHING AND LEARNING SCIENCE AT EVERGREEN**

#### **Supplies:**

- An accomplished science faculty dedicated to full-time interdisciplinary curriculum
- Engaged students with healthy independent streaks
- Equipped laboratories
- Staff support
- A willingness to take risks most colleges wouldn't



## PROCEDURES.

To conduct your own Evergreen science experiment, follow these steps. If something doesn't work, then innovate further.

**STEP ONE: Build a rigorous interdisciplinary curriculum.** Immerse students in full-time coordinated studies that cut across the boundaries of traditional scientific disciplines. Set the bar high. There is no fourth law of thermodynamics that says freshmen cannot understand and discuss primary literature, or that undergraduates are not capable of “real” research, or that faculty can't take on new full-time teaching assignments every year.

For Evergreen faculty and students, learning comes from being able to see underlying connections. “The interdisciplinary nature of the curriculum in the sciences is so powerful,” says chemistry faculty member Paula Schofield. “The students start to see key principles pop up in a multi-celled organism, a single-celled organism, and something in a beaker you would do in a lab. And there are so many connections that they would never see otherwise.”

Students and faculty both acknowledge that the science curriculum is intense, laborious, and frequently exhausting. Although Evergreen's been teaching this way for nearly four decades, it's still viewed as radical elsewhere. “We treat as normal what would be revolutionary at other institutions,” says molecular biology faculty member Jim Neitzel.

Combining book learning with hands-on lab experience is critical to students' success in careers and graduate school. Evergreen's integrated seminar and lab approach to science “is a huge distinction that cannot be underestimated,” says chemistry faculty member Paula Schofield (below).

photo: Carlos Javier Sánchez '97



Dirks agrees. “We have a lot of belief in what our students can do,” she explains. “I know when I first came here, I made what I thought was a radical suggestion, that we have students write research proposals. But my colleagues said, ‘Oh yeah, we do that all the time.’ Not many places teach like this. In science it is so critical, and they're calling for more of it at the national level.”

2008 graduate Stephanie Blair has always wanted more of it, especially when she sees what's needed to protect culture and resources in Indian Country where, like her parents, she plans to work. “I like being able to connect my training as a scientist and a chemist to environmental questions, to go into the field to expand the scope of my projects.” For Blair—a veteran of two chemistry-heavy year-long programs—that expanded scope included additional studies in geology, hydrology, forest ecology, environmental health, toxicology, and grant writing.

**STEP TWO: Get messy.** Integrate intensive lab and field work into academic programs.

Hands-on learning is a hallmark of Evergreen, and nowhere more so than in the sciences, where students are expected to master theory and technique. For faculty like Schofield and her fellow chemist, Clyde Barlow, real scientific work is physically and intellectually messy. Scientific questions tend to be thorny, Barlow says, and students need to experience that part of science. “Reading about it just doesn't cut it. But if you do it yourself and run into all sorts of problems along the way, then it becomes real to you.”





*“The students start to see key principles pop up in a multi-celled organism, a single-celled organism, and something in a beaker you would do in a lab. And there are so many connections that they would never see otherwise.”*

—Faculty member Paula Schofield

Above: Faculty member Clyde Barlow keeps students Stephanie Blair and Alyssa Benson busy with applied work in the lab. Scientific questions tend to be thorny, Barlow says. “You don’t just push a button and get the answer.”

photo: Paul Reynolds, photography intern

For Jack Longino, observation is as critical as experimentation, and going outside is as important as working in a lab. “There can be a misperception that the only real science is experimental science,” he says. “There’s still a huge amount of science that is just basic description, being able to see things.” Field work is integral to Longino’s teaching. “We take a minimum of equipment. The hard part is not the equipment. The hard part is the question.”

During winter quarter this year, he and teaching partner Paul Butler took their Tropical Rainforests program to Costa Rica for three weeks to experience a variety of habitats. But depending on your interests, you don’t have to go that far. Evergreen’s Olympia campus offers ample opportunities to rub humus and chlorophyll into your jeans. With 1000 acres of forest and 1000 feet of saltwater beach, Evergreen is its own field laboratory and home to a diversity of species, including *Thuja plicata* (Western Redcedar), *Dryocopus pileatus* (pileated woodpecker), *Odocoileus hemionus columbianus* (black-tailed deer) and the long-lived, fearsome Evergreen mascot, *Panopea abrupta* (geoduck). Faculty and students are involved in a number of efforts to catalog the campus’s biodiversity, understand its ecosystems, and address college sustainability challenges.

**STEP THREE: Share the toys.** *Teach students how to operate scientific instruments, even the sophisticated, expensive ones; then let them use those instruments!*

It’s not unusual for a college or university to have a scanning electron microscope or an automontage system. Nor is it odd that Evergreen has other expensive analytical instruments: additional specialty microscopes, a Gel Logic bioimaging system, and a variety of spectrometers and other instruments used for chemical analysis. What is very unusual is that any Evergreen undergraduate—they don’t have to be enrolled in science—can use the equipment. They just need to know what they’re doing. And Evergreen has a unique, effective system for teaching students what they need to know about using instruments.

They call it “driver’s ed.”

Any student who wants to use the college’s nuclear magnetic resonance spectrometer or its ionic chromatograph, for example, can take workshops that encompass technique and theory. The workshops teach students how to use the equipment with care, but also to dig in and understand its functions. “It’s not just a black box,” says Marty Beagle, arts and sciences operations manager. “You need to know what the black box is designed to do.” Beagle, the scientific instructional technicians and the instrument aides emphasize conceptual skills with equipment use. The upshot is you can use the equipment, but it’s the mastery of theory that determines whether you’ll find the information useful. As Alyssa Benson says, “knowing the concentrations of nitrogen in different soil samples means nothing unless you know if the differences are significant.”



***“Students come out of Evergreen programs where they’ve developed independent projects with a lot better understanding of what science is, how to interact with other people in terms of getting science done, what the limitations are.”***

—Faculty member Amy Cook '90

Above: Faculty seek advice from science operations manager Marty Beagle and his science instructional technicians and rely on them to provide support for students doing independent work. “All of them are really approachable,” says student Stephanie Blair, while senior D. J. Cox is less measured in his praise: “They’re kind of like a team of superheroes, each with a unique power.”

photo: Carlos Javier Sánchez '97

Opposite page: Field Ecology students Jameson Honeycutt, Alexandra Kazakova and ecosystem ecologist and faculty member Dylan Fischer examine *Mahonia Aquafolium*. In addition to teaching and field research, Fischer runs a weekly publications salon for undergraduates working to publish scientific journal articles.

photo: Paul Reynolds, photography intern

**4 STEP FOUR: Keep it real.** Encourage projects that answer significant questions, engage students in meaningful research, and provide opportunities for them to present their work.

When Alyssa Benson and Stephanie Blair took Environmental Analysis with Clyde Barlow, chemist Jeff Kelly, and geologist Jim Stroh, the two students experienced something that sounds more like boot camp than science class. Among other things, Barlow and crew had students measuring contaminants in wells to monitor drifting pollution from leaking underground oil tanks and the impact of rotting woody debris on forest soil pH.

It’s part of the faculty’s strategy to expose students to the less romantic aspects of scientific careers. In a lot of programs, says marine biology faculty Amy Cook '90, “students are asked to do a project, which involves putting together a project proposal, a budget, the whole group thing of figuring out who is going to do what—understanding that science involves a lot of patience, it involves a lot of boredom. It’s not always that exciting.”

For Cook, who earned a B.S. from Evergreen in 1990 and joined the faculty in 2001, intensive project experience gives students a professional leg up. “Students come out of Evergreen programs where they’ve developed independent projects with a lot better understanding of what science is, how to interact with other people in terms of getting science done, what the limitations are.”

Evergreen undergraduates speak at regional and national conferences far more often than their peers from most other institutions. “It happens everywhere in the sciences here,” says Dylan Fischer, an ecosystem ecologist who joined the faculty in 2005. “That’s the advantage of being able to have large chunks of time to work with people.” Fischer points to a whiteboard in his lab with the titles of 14 student-led journal articles—“Salmon and Litter Diversity” and “Birds and Insect Galls,” for example—all at various stages of production. Every week he and his students meet and discuss one of the manuscripts—editing, improving, and figuring out where best to submit it. Since Fischer started his weekly publications salon, his students have had two journal articles published and two more accepted by journals for peer review.

Learning to express themselves with other scientists, to relate to them as colleagues, is only one part of the communications apprenticeship. Dharshi Bopegedera believes outreach to younger students is of critical importance for students and the community. As adviser to Evergreen’s award-winning Chemistry Club, she frequently organizes opportunities for students to teach at schools and community events. And she has encountered skepticism when she’s asked to bring her students for presentations. “They say, ‘You’re going to bring Evergreen students [pause] into my classroom?’ And then we come, and they say, ‘When can you come back?’”



# 5

**STEP FIVE: Dare to fail.** Find ways to support risk-taking by students, faculty, and the college.

When you have a science program that gives students independence and responsibility to explore individual projects and interests, and lets them use expensive and delicate instruments, you've got potential not only for tremendous success but also some spectacular failures. Evergreen students, Marty Beagle says, "are encouraged to rely on their own devices, more than perhaps other schools, and sometimes what happens is that they crash and burn."

Yet faculty members and students believe the benefits of Evergreen's approach outweigh the risks.

For Beagle, the key to ensuring students have the optimum chance to succeed is not to eliminate rigor, simplify lab projects, or reduce access. It is instead to create as many support structures as the college can afford, to maintain the system in all its complexity.

Arguably the most significant support innovation has been the creation of Beagle's team of science instructional technicians (SITs). Far more than lab technicians or graduate student TAs at a traditional university, these six staff members are the connective tissue between faculty, laboratory facilities and students.

"One minute I'm moving a refrigerator and the next minute I'm instructing someone about how to use the electron microscope," says SIT Ladd Rutherford. "There are parts of the job that are tedious and there are parts that are really personally enriching, when you actually see the lights go on in students."

Faculty frequently speak of the SITs as colleagues and co-instructors. They seek advice from SITs about upcoming labs and rely on them to provide support for students doing independent work. All the SITs share broad responsibilities across scientific disciplines and care for a variety of instruments. "It's not a static job," says SIT Jenna Nelson. "I have a huge opportunity to learn new things and work with different people—both to teach them and to learn from them. I learn from the students all the time."

## AT PLAY IN THE WORLD

"The eternal mystery of the world," said Albert Einstein, "is its comprehensibility." If science is about anything, it is about discovering how the universe works. Isaac Newton called it child's play, and you can find that play alive and well at Evergreen.

It's in Jack Longino's musings about the importance of specimen collections. It's in Stephanie Blair's awe over the complexity of the salmon cycle and Clyde Barlow's and Clarissa Dirks' admiration for what their students accomplish. In the end, it is an insatiable, infectious curiosity that students, staff, and faculty share for figuring things out.

"Ultimately, I just never get bored with it and keep discovering new things," Melissa Pickett explains. "If you can do something 16 to 18 hours a day and not get bored, that's a blessing."

## EVERGREEN SCIENCE INDEX

**62:** Percentage of Evergreen students with a science emphasis who attend graduate or professional school within five years of graduation.

**0:** Number of Nobel Prize winners on the Evergreen faculty—so far. Although Evergreen doesn't have a Nobel laureate, it does have an impressive assembly of nationally and internationally recognized researchers in fields such as solar physics, microphage biology, biochemistry, marine sciences, forest ecology, and entomology.

**75:** Number of grants awarded by the National Science Foundation (NSF) to Evergreen faculty since 1975; more than 30 of these grants (\$6.8 million) were awarded in the past decade alone. Other research grant makers include the National Institutes of Health, U.S. Department of Agriculture, National Geographic Society, Disney Wildlife Conservation Fund, and M.J. Murdock Charitable Trust.

**100:** Percentage of science faculty engaged in independent research who also teach in the undergraduate curriculum.

**23:1** Ratio of students to faculty in Evergreen science programs.

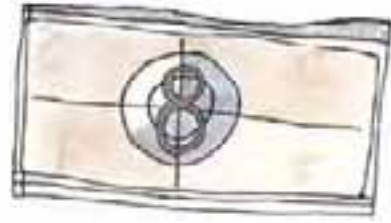
**0:** Number of graduate students teaching at Evergreen, including in undergraduate science programs.



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# HANDLING THE MEDIA

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By Carolyn Shea

Ruth Hayes and Sally Cloninger



Dylan Quirt



Alex Stahl



In the Communication Building's cavernous Design Lab, amid the myriad workstations, the light tables and drafting tables, the animation stations and computers, Evergreen seniors Julian Birchman and Serena Lim are keenly engaged in their final projects for Mediaworks.

With colored pencils, Birchman refines a scene that will appear in his short animation—tentatively titled *Off Key*—about a small boy named Henri who has been born into a world where everyone—except him—has their own ongoing soundtrack. Lim, who is shuffling through her storyboards, drafted on 2 ¼-inch by 3 ½-inch panels, is playing around with the order of the scenes, which depict a dreamlike sequence of life, loss, and transformation, where a sailboat plies through pastoral scenery, children grow up on a beach, people change into birds, and a cemetery evolves into a sea of stars.

Birchman's film, set in a city, is modeled after the UPA style, which he researched extensively earlier in the course. This approach, named after the influential American animation studio, United Productions of America (UPA), is distinguished by flattened perspective, abstract backgrounds and strong primary colors—an artistic breakaway from the strict realism that had been developed by Walt Disney. (Two of UPA's most famous creations were the irascible, nearsighted character Mr. Magoo and the 1950 Academy Award-winning animated short, *Gerald McBoing-Boing*, about a little boy who uses sound effects instead of spoken words to communicate.)

**"Evergreen has always been a place where undergrads could do quite substantial work."**

—Faculty member Sally Cloninger



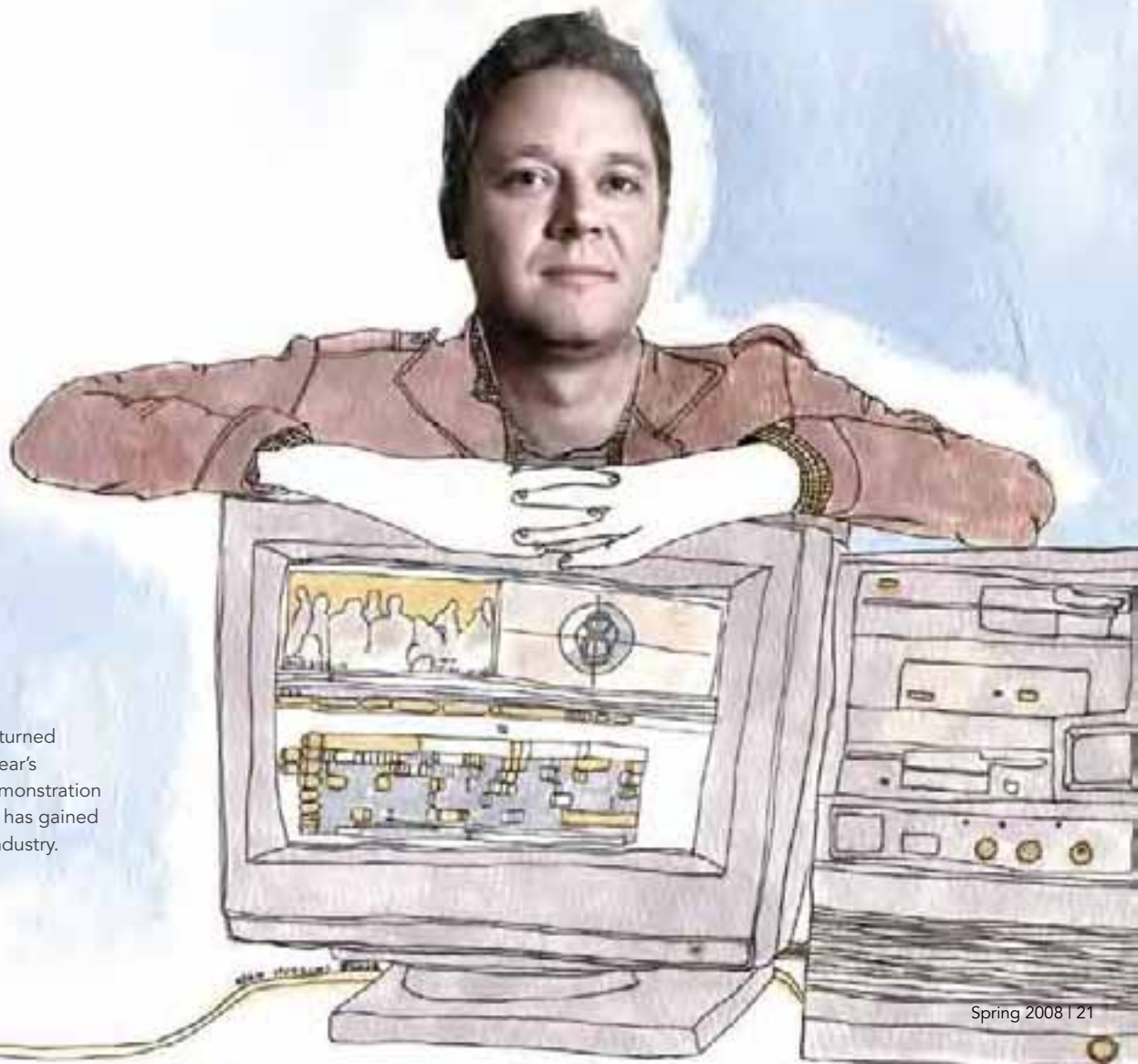


Birchman chose the UPA standard for his own short because of its expressive, more emotionally complex qualities. “It wears its heart on its sleeve,” he says. His brainchild, Henri, is hypersensitive to the soundtracks of those who surround him, including the increasingly discordant ones forming between his parents, denoted by broken musical notes, which he tries to fix.

Lim’s graphics are highly stylized. To some extent, her production is autobiographical—though not literally so. It is dedicated to her father, who died in 2005 and is represented by the sailboat wending its way through the sequence. A dancer and piano player, Lim was frustrated by the more traditional two-dimensional art classes she took in high school. But she is inspired by animation, which combines her love of visual art, movement, and music. “You use 2-D in animation, but your characters come to life. It’s a ton of work, but it’s so upbeat. I was struggling for a way to be more expressive and I’ve found it.”

Among the most comprehensive of all the arts, animation embraces not only the visual and performing arts, but also the humanities and sciences. With Evergreen’s emphasis on interdisciplinary teaching and learning, its Media Arts students have been able to produce unique animated works that are often experimental in content and form. In the full-time curriculum, animation is taught in conjunction with many other subjects: performance and visual art, music, dance, religious and ritual studies, math, physics, literature, social studies, history and natural history. In the summer, it is taught in an independent course, Experimental Animation Techniques. And depending on faculty placement, it is also periodically taught in the Mediaworks class in which Birchman and Lim are enrolled. (In other years, Mediaworks may be more focused on documentaries or experimental films.)

Dylan Quirt '01 recently returned to Evergreen to give this year’s Mediaworks students a demonstration of the film-editing skills he has gained while working in the film industry.



“Part of what we want students to do in this class is to figure out their own voice. In a class of 45 students, you get 45 very different approaches to the same assignment.”

—Faculty member Ruth Hayes

When completed, Birchman’s and Lim’s films will be the grand finales of all that they’ve learned in Mediaworks. This intensive, year-long Media Arts foundation program, currently taught by Ruth Hayes—an animator—and Beatriz Flores Gutiérrez, a visiting faculty member, is an intensive film and video boot camp in which upper-division students gain wide-ranging skills in media history, theory, critical analysis and hands-on production.

During the winter quarter, the class was given the assignment of finding an autobiographical or biographical object invested with meaning and creating a story around the object. Hayes recounted several of the different storylines that arose from the assignment: one about the stuff in pockets called *Pocketography*, another about an apron worn by a student during a summer job, yet another about an inherited music box. “They were all different,” said Hayes. “Part of what we want students to do in this class is to figure out their own voice. In a class of 45 students, you get 45 very different approaches to the same assignment.”

In a recent spring-quarter Mediaworks class, three alumni returned to the campus to address the currently enrolled students. Working in three very different genres, these graduates present an overview of the range of possibilities open to Media Arts undergraduates once they leave school. They talked about

their struggles, experiences and windfalls since graduating, discussed how Evergreen helped them get where they are professionally, gave career advice, and answered questions about topics ranging from how to break into the industry and get into the union to how they were impacted by the Writers Guild of America strike that ended this past February.

The previous day, one of the three panelists, Dylan Quirt '01, also led an editing workshop for the class. Quirt, who headed for Hollywood after graduation, has since racked up numerous motion picture credits: post-production assistant for four movies, including *Pirates of the Caribbean: The Curse of the Black Pearl*; apprentice editor for *The Weather Man* and *Pirates of the Caribbean: Dead Man’s Chest*; and assistant editor for *Pirates of the Caribbean: At World’s End* and *Hannah Montana/Miley Cyrus: Best of Both Worlds Concert Tour*, a state-of-the-art digital 3-D film of the pop singer’s recent concert tour that grossed \$29 million in box office receipts during its opening weekend. He’s also an assistant editor for the upcoming comedy, *Bedtime Stories*, starring Adam Sandler, which is slated for a December 2008 release. Early in his career, he worked as an apprentice music editor on *Black Hawk Down* and on the crews of a couple of TV sitcoms.





“If you want to do something,  
you can do it at Evergreen.  
If you want to write, if you want to  
produce, if you want to direct, do it.”

—Dylan Quirt '01

Opposite page: Between the two of them, Ruth Hayes (left) and Sally Cloninger have more than four decades of experience uncovering the secrets of media for Greeners. photo: Paul Reynolds, photography intern

After graduation, Dylan Quirt (left) headed to Hollywood, where he has crewed on a number of blockbusters, including *Pirates of the Caribbean: The Curse of the Black Pearl*.

Photo: Carlos Javier Sánchez '97

In the panel discussion, Quirt urged students to take advantage of the wealth of resources made available to them by the college. “If you want to do something, you can do it at Evergreen. If you want to write, if you want to produce, if you want to direct, do it.”

Alumnus Noah Dassel '05, another of the panelists, has concentrated on nonfiction films, first in Olympia, where he worked as a peer tutor for Evergreen’s Writing Center—and shot a video short about the center—then further afield in Europe and North Africa, and lately in Seattle. He has produced health videos and documentaries, and assisted in editing a local public television series, called *BIZKID\$*, dedicated to teaching children financial literacy. His work encompasses a variety of subjects, such as 1950s nuclear hysteria, Ibizan salvage sites, and old-time tree-falling methods. He covered the latter in *One with the Work*, a film about a Bainbridge Island woodworker and poet that was featured in the Ninth Annual Celluloid Bainbridge Film Festival. He has also shot profiles of local artists for Seattle Channel 21’s show, *Verve*, including one on Charlie Krafft, who creates “Disasterware,” blue and white Delft-like china pieces decorated with such catastrophes as the Hindenburg crash and the bombing of Dresden.

“You have a project-heavy environment here,” Dassel told the audience. “While you’re here, tap it. You have so many resources: media loan, technical resources, the faculty.” Out of school, he said, “It’s harder to find people who are on the same page as you. If you’re trying to do a documentary and want good feedback, you’ve got it here.”

Katie Bruggeman '01, the third panelist, has been in New York City for the past seven years. She has read scripts, interned with Spike Lee’s production company, volunteered at the Tribeca Film Festival, bartended, written for the parody newspaper, *The Onion*, worked as a post-production coordinator on *Pokémon Heroes*, shot promotional spots for Comedy Central’s *Stella*, and for the last few years, worked as an executive assistant for *The Colbert Report*, which won a prestigious George Foster Peabody Award in April. Bruggeman will soon shift her energies from media to law; she was recently accepted to the City University of New York’s Law School. Still, she considers “Evergreen a great place to learn film,” especially when compared to film schools, which deliver mostly theory and delay the moment when students actually get their hands on the tools to make movies. “You have all these invaluable resources at your disposal,” she told the students.



Evergreen has had a media component since it began educating students in 1971, but it wasn't until 1978, when Sally Cloninger arrived, that a structured, accessible curriculum emerged. Cloninger, whose first program at the college was Recording and Structuring Light and Sound, is a veteran media artist and activist, as well as an independent producer. Her video and film work spans numerous genres including visual anthropology, experimental autobiography, performance media, video installation, experimental ethnography, and documentary. "One of the reasons I came here was that it was very unusual to find a liberal arts college with media services and media loan in place," said Cloninger. "I was also attracted by the college's mission. It was a wonderful laboratory for combining both practice and theory."

For a while, Cloninger was the program's lone faculty member, but she advocated bringing in more teachers with different backgrounds, which made sense given media's interdisciplinary nature. Three decades later, the program boasts five faculty members (with another coming on board soon), each of whom brings demonstrated experience in teaching and media production with an approach that links media theory and practice in intensive, team-taught, interdisciplinary settings. There has always been a nonfiction narrative dimension to the curriculum, but new teachers and new technologies have moved the program in new directions: animation, experimental work, political documentary. Through it all, though, the faculty has shared a passion for telling stories with moving images, a social justice bent, the desire to offer media training in the context of a broader liberal arts education, and "a willingness to provide continuity in the kinds of study that are available," says Cloninger. "We've made a big commit to a repeatable curriculum. Students expect that."

Mediaworks is but one of the pathways to study Media Arts at Evergreen. Each year there are opportunities for freshman to combine cross-disciplinary study with some media arts theory or practice. For instance, in the fall and winter quarters this year, Julia Zay and Chico Herbison taught Hop on Pop: Investigating and Intervening in American Popular Culture, which was designed to provide first-year students with the skills to decode mainstream culture. Sophomores, juniors and seniors can explore a wide array of interdisciplinary programs that also feature some media practice, such as Image and Sequence, which combined intensive workshops in many different 2-D art forms—book arts, digital photography, drawing, printmaking, and more—with the study of how to critically read visual culture and effectively use it for expression.

More advanced media studies are also available, including Media Artists Studio (formerly called SOS: Media), which fosters the development of each student's own personal style and creative approach and culminates in the production of a portfolio piece. Juniors and seniors also have the option of pursuing independent work in individual contracts.

## HIGH-INTEREST LOANS

Media Arts students, along with all other Evergreen students, faculty and staff, have a veritable media treasure house at their disposal. By presenting a valid ID card, they can check out 16mm film production and editing equipment, 3-chip digital video cameras, sound and lighting gear, microphones and recording equipment—and any of the other audio-visual and photographic equipment housed in the Media Loan collection. A part of Evergreen's Media Services, Media Loan not only circulates an impressive array of equipment, it also offers proficiency-training workshops for digital audio recorders, 35mm, medium-format and large-format cameras, and digital video camcorders, to name a few.

"The role of Media Services at Evergreen is substantially different from the role of 'audio-visual' areas at most colleges and universities," explains Lin Crowley, Media Loan operations manager. "Usually such departments provide very limited services. At Evergreen, our mission is not merely to deliver equipment. We facilitate the use of, interdisciplinary access to and understanding of media tools for learning, viewing them as one among a variety of information sources. We strive towards our goal of media literacy across the campus, as well as supporting the college's overarching goal of using technology to enhance teaching and learning and administrative support."

Vault, a career Web site that also provides insider information on top education programs, says Evergreen's Media Loan, "where students can gain free access to a multitude of media-related equipment, is worth the price of tuition alone for students working in the movie or documentary fields."

The entire Evergreen community would agree.





Seniors Serena Lim (left) and Julian Birchman (opposite page) put the finishing touches on their final Mediaworks animation projects.

Below: Alex Stahl '81 found the collaborative approach he learned at Evergreen to be at the heart of how his current employer, Pixar Animation Studios, works.

Photos: Carlos Javier Sánchez '97

One of Evergreen's earlier alumni, Alex Stahl '81, took advantage of several individual contracts, including one in arts management. A sound designer, media engineer and musician, Stahl has numerous film, CD, and multimedia performance credits. Among them are *Bram Stoker's Dracula* and *The Secret Garden*, which were produced by Francis Ford Coppola's production company, American Zoetrope. Stahl also toured extensively with the Kronos Quartet as the string quartet's sound engineer. "For me, the individual contracts were essential," he says. "They were such a blessing—because there were no curricula in the fields I'm working in now."

Today he is a media systems technical lead for Pixar Animation Studios in Emeryville, Calif., where he is responsible for the movie studio's sound infrastructure. Pixar's computer-animated films have won 20 Academy Awards, and include *Toy Story*, *A Bug's Life*, *Toy Story 2*, *Monsters Inc.*, *Finding Nemo*, *The Incredibles*, *Cars*, and *Ratatouille*—all of which he has worked on. Once the technical director of KAOS, Stahl said Evergreen taught him how to learn, gave him access to complex technology ("It wasn't locked up in a lab."), and exposed him to the collaborative approach, which is at the core of how Pixar works.

"I had a long-term interest in what is now the field of signal processing—taking sounds, and also pictures, and transforming them in new ways," says Stahl. "Evergreen was probably the only school that would let me try and learn about that back then."

"Evergreen has always been a place where undergrads could do quite substantial work," said Cloninger. For students like Birchman and Lim—and all those who have gone through the college's Media Arts programs—this makes a tremendous difference.

**"Evergreen was probably the only school  
that would let me try and learn  
about that back then."**

—Alex Stahl





INVESTING IN THE FUTURE OF MEDIA

**center for creative  
& applied media**

Last October, a video short called, *A Vision of Students Today*, generated a buzz in the Internet world after it was posted on YouTube. Within weeks, the broadcast had been viewed more than a million times and provoked thousands of comments and blog mentions. It shows a number of young men and women, sitting in a lecture hall, successively flashing hand-written placards with the results of a survey their class had done about college life. A sample of what the signs read: “I will read 8 books this year, 2300 web pages, and 1281 Facebook profiles”; “I will write 42 pages for class this semester and over 500 pages of email”; and “When I graduate, I will probably have a job that doesn’t exist today.”

Granted, this is the work of a single group of undergraduates. But in less than five minutes, the messages they convey underscore some indisputable facts: Students are learning and communicating very differently than their parents did. And technological innovation will affect their futures in unforeseeable ways.

No group has embraced digital technology more wholeheartedly than youth. According to recent research from the Pew Internet & American Life Project, more than half of American teens are actively involved in creating digital media content, from producing blogs to posting their stories, photos and artwork on social networking Web sites like MySpace. Among adults—who were mostly raised on print and analog broadcast models, such as television and radio—the number is one in 100.

Clearly, society is in the midst of a seismic shift. Young people’s widespread familiarity with new media, combined with the breakneck speed of emerging technologies, makes command of the critical and technical skills to analyze and shape digital messages more important than ever. Whether they choose to participate fully in our media-driven culture—or to challenge it—students need to be taught how to intelligently create, obtain and analyze information.

As a result, media is no longer a boutique field of studies; it has become a fundamental area of knowledge. In a world dominated by bits and bytes, basic literacy means more than the ability to read and write. It now requires understanding how digital media works.

To succeed in the workplace, to become engaged citizens and critical consumers, people must learn how to interpret the digital messages with which they are constantly bombarded. Just as importantly, they must know how to communicate using today’s multimedia tools. And colleges are increasingly expected to provide the training, services and content to students who are already immersed in electronic media before they even set foot on a campus.

photo: Carlos Javier Sánchez '97



## The \$2.5 million CCAM project will benefit Evergreen in five key areas:

- Improved opportunities for media students to gain the knowledge and skills considered indispensable for graduate study or employment in the field.
- Increased media access for students and faculty, promoting and facilitating media and technological literacy across the curriculum.
- New, more accessible teleconferencing opportunities to enhance teaching and learning, participate in global exchanges, knit Evergreen locations more closely together, and support the administrative work of the college.
- Extension of the college's ability to produce and disseminate interactive and streaming media content for and about the Evergreen learning community.
- Digital conversion, editing, and storage of the college's media-works collection from a variety of legacy formats (film, vinyl, video and audiotape) for archival purposes, allowing students, faculty, staff and patrons easy access across the college's campus and remote centers.

To meet this challenge, Evergreen has committed itself to providing students with the tools to understand and shape media in the 21st century. In the fall of 2009, the college is slated to open the new Center for Creative & Applied Media (CCAM). Located in the library, it will be fully equipped with a soundstage, multi-camera high-definition video studio, cable and Internet broadcasting facility, workshop space, surround audio recording and mixing suite, and experimental-effects lab. As the college's physical and conceptual hub of media and technology, the 10,000 square-foot facility will provide a functional space for production, teleconferencing, broadcasting across the college's audio-visual and computer networks, and preservation of a burgeoning collection of media files in formats that are accessible in the current technological environment.

Media education has always been an important part of an Evergreen education. When the college opened its doors in 1971, it offered a state-of-the-art studio with three cameras. Over the years, the studio was used for a variety of humanities-based media projects. Many graduates have gone on to build careers in media-related fields, from animation and music production to filmmaking and programming for interactive Web applications. Furthermore, students enroll in the college specifically because of its reputation for media studies. In a 2005 survey, 28 percent of new first-year and transfer students reported plans to focus in media or closely related studies.

In recent years, however, with rapid technological innovation, the college lost ground in its ability to deliver quality, up-to-the-minute media access to academic programs, students, faculty and administrators. On top of that, in 2004—due to competing priorities and limited resources—Evergreen had to suspend the operations of its only dedicated video production studio—after 30 years of use—as well as most of its broadcast facilities.

In bringing the Center for Creative & Applied Media to life, Evergreen will be able to develop new, innovative media education programs, and restore key functions from the past. For instance, faculty members will be able to utilize the television studio as a place to experiment with interdisciplinary teaching, document student presentations or interact with students in projects involving performance, role-playing, or public-access production work.

Peter Randlette, Evergreen's head of electronic media who is heading up the effort, believes that the center will be instrumental not only in giving students an excellent broad-based education, but also in giving them a leading edge in their careers. "You can learn the technology at a tech school, but here, because of the interdisciplinary nature of the school, you learn the technology in the context of art, music, history and a broad range of other subjects and issues. And that gives you something more valuable to contribute when you're in the job market," he said.

In many campuses across the United States, the gap between student and faculty perceptions of technology is widening, according to the New Media Consortium's 2008 Horizon Report. Students have adopted the latest platforms in unprecedented numbers, yet these technologies remain a mystery to many teachers. Emphasizing the importance of fulfilling student expectations, the report adds that "successful learning-focused organizations have long known they ignore these expectations at their peril." When the equipment at CCAM starts rolling, Evergreen will narrow the gap and shape the future of learning in our community.



# SPiRIT

IN THE

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**A NORTHWEST NATIVE CULTURAL EXPERIENCE**

**June 28th and 29, 2008**

**E**xperience the richness of Pacific Northwest Native American culture at this summer's third annual In the Spirit Northwest Native Arts Market and Festival. Held at the Washington State History Museum in downtown Tacoma, the event is fast becoming a leading regional force for promoting and appreciating indigenous cultural expression.

The Arts Market & Festival features some of the best Native American artists in the region selling exquisite artwork. Throughout the weekend Native American singers, musicians, and dance groups will provide entertainment.

## NATIVE ARTS EXHIBIT – JUNE 19-JULY 20

The festival kicks off June 19 with a juried art exhibition showcasing the works of many of the region's finest emerging and established Native American artists. Spearheaded by the Longhouse Education and Cultural Center in partnership with the history museum, the festival displays outstanding pieces by Native wood carvers, painters and sculptors, printmakers, weavers and bead artisans.

Four artists with Evergreen connections have been selected to be among the 29 chosen to show their pieces in the museum's McClelland Gallery, including seniors Erin Genia (Sisseton-Wahpeton) and Peter Broome (Upper Skagit). Eight prizes will be awarded, including two new ones, "Honoring Our Ancestors" and "Honoring Innovation," which will give participating artists the chance to recognize the work of their peers. The art exhibit will be on view until July 20.

## NATIVE ARTS MARKET AND FESTIVAL – JUNE 28-29

On the weekend of June 28 and 29, an outdoor market will take place at the museum's plaza featuring a wide array of Native handiworks, from baskets and drums to masks and jewelry. Market-goers can watch demonstrations of traditional artwork, sample Native cuisine and enjoy live performances by dancers, musicians and storytellers from local tribes. Among the performers scheduled to appear this year is Chenoa Egawa, a Lummi and S'Kallam performance artist and host of the television program *Northwest Indian News*, who will stage a mix of her own compositions, traditional Salish songs and songs from the Native American Church.

A Collector's Seminar will be held on the first day of the market to educate patrons about Native Northwest art. Longhouse director Tina Kuckkahn (Ojibwe) will facilitate this discussion, which will be followed by a session devoted to appraising historic tribal art. Seminar panel members include Roger Fernandes '74 (Lower Elwha Klallam), who works in a variety of media and will discuss Coast and Puget Salish art and culture; Ann McCormack (Nez Perce) of the Nez Perce Arts Council, who will speak about the arts and cultures of the Northwest Plateau tribes; and current tribal MPA student Melissa Bob '05 (Lummi), a young contemporary Salish artist, who will present some of her work. Rounding out the group will be Jack Curtright, whose Tacoma-based gallery, Curtright and Son, buys and sells North American Indian art. He will discuss what to look for when collecting historic tribal art.

Curtright will also lead the special appraisal session, a Northwest Native arts version of *Antiques Roadshow*. For \$5, registered seminar guests can learn the value of objects they bring in. Half the proceeds from this program will benefit next year's market and festival.

Festival visitors may also attend a screening of the docudrama *Shadow of the Salmon* on Saturday, June 28 at 3:30 PM. The film tells the story of a young Lakota man who visits the Pacific Northwest. During his stay, he learns about salmon and the relationship between local tribes and their environment. The screening is free with paid museum admission. *Shadow of the Salmon* is presented by Three Sixty Productions in association with the Northwest Straits Commission, The Potlatch Foundation, Salmon Defense and the Northwest Indian Fisheries Commission.

For more information about the In the Spirit festival, visit [www.evergreen.edu/longhouse](http://www.evergreen.edu/longhouse) or [www.wshs.wa.gov](http://www.wshs.wa.gov)





# EVERGREEN *everywhere*

## Do you Belong to the Evergreen Alumni Entrepreneur Association?



This spring, we sent out the first mailing to alumni who have identified themselves or been identified as entrepreneurs: those of you who have started businesses and non-profit organizations and who have patented inventions or processes.

If you have not received a letter, information request form and two window stickers, please go to [www.evergreen.edu/alumni/alumform](http://www.evergreen.edu/alumni/alumform) to update your contact information. In the "What's New With Me" section, type "EAEA." We'll send your information packet and stickers out as soon as possible, so you can tell the whole world you're a Greener who is making a positive contribution to your community.

## Evergreen Night with the Mariners – September 26!

**Bring your friends and family to the ballpark!** Join us for the Second Annual Evergreen Night with the Mariners on Friday, September 26 at Safeco Field, and catch the Mariners vs. the Oakland As. Last year's successful inaugural event brought more than 200 Greeners and friends to the stadium, and we look forward to breaking that record this year. Game tickets are \$15 (\$4 supports student scholarships through the Evergreen Alumni Association). Get your game tickets at [www.mariners.com/evergreen](http://www.mariners.com/evergreen).

**There's more!** Before the game, come hang out with your fellow alumni at the Evergreen Pregame Cookout in Safeco Field's Bull Pen Market area, starting at 5:30 p.m. Get your hot dogs, peanuts, popcorn, potato salad, baked beans, gourmet cookies and soft drinks for only \$15.50 per person. Tickets available through the Evergreen Alumni Relations office at [www.evergreen.edu/alumni/mariners](http://www.evergreen.edu/alumni/mariners).

**Take a new student out to the ballgame!** The Evergreen Alumni Association will host our new Geoduck students to cap off the college's Orientation Week 2008. To help offset the costs, the Evergreen Foundation is raising funds to pay for the student tickets. Make a donation towards student tickets at [www.evergreen.edu/alumni/mariners](http://www.evergreen.edu/alumni/mariners).

**Find out more at [www.evergreen.edu/alumni/mariners](http://www.evergreen.edu/alumni/mariners), or call the Alumni Relations office at 360.867.6551.**



*See you at the game!*

## Staying Connected the Sustainable Way

### ***In a few short words: Send us your email address!***

No, not so we can bombard you with spam, but so that you will receive the new EXPRESS e-newsletter and other breaking news from campus, invitations to events in your area, or notices of the Alumni Association Annual Meeting and Board of Directors elections. There are lots of things happening at Evergreen these days. Help us keep you informed while being good stewards of our resources.

**So send us your email address today! Go to [www.evergreen.edu/alumni/alumform](http://www.evergreen.edu/alumni/alumform)**



Evergreen Alumni at Café Vega in Seattle.

## Traveling Seminar Series in Seattle

On April 6, hosts Andre Helmstetter '96 & Hla Yin Yin Waing '97, owners of Café Vega, welcomed 23 fellow Greeners to their charming Yesler Way café for Seattle's inaugural Traveling Seminar, "Immigration: Beyond the Hysteria." Evergreen faculty member José Gómez led the discussion of the assigned reading, Roger Lownstein's July 9, 2006, *New York Times* article, "The Immigration Equation."

Waing Waing, a cultural competency trainer with the Minority Executive Directors Coalition, was especially excited to host the seminar, and helped facilitate discussion around this important and sensitive issue.

Café Vega ([www.cafevega.net](http://www.cafevega.net)), is a neighborhood coffee shop and eatery in Seattle's historic Central Area featuring great food and drinks, a friendly atmosphere, and excellent local art.

The Evergreen Traveling Seminar Series kicked off in August 2007 with a program hosted by the Portland Area Alumni Chapter. Its purpose is to bring the Evergreen seminar experience to alumni around the country. For more information, or if you would like to have a seminar in your area, please contact R.J. Burt in the Office of Alumni Relations, [burtr@evergreen.edu](mailto:burtr@evergreen.edu).

## Get on the Evergreen EXPRESS!

The Evergreen **EXPRESS**, an e-newsletter from Alumni Relations, got a facelift recently with the addition of some great new software, new vision, and a collaborative team of writers, editors, and web designers, including student editor Gaia Thomas '09. We've added more news and feature stories, plus great sidebars on athletics, upcoming events, and links to several other e-newsletters sent out from the graduate programs and other centers on campus.

The new **EXPRESS** is sent not only to all alumni and friends, but also to all staff and faculty, with a special version created for Evergreen parents. The winter and early fall issues bracket the *Evergreen Magazine* publication dates, keeping us in touch with you while saving resources and cost.

Visit [www.evergreen.edu/alumni/express](http://www.evergreen.edu/alumni/express) to read the Winter 2008 feature stories. But to receive the full edition of the **EXPRESS**, we must have your current email address. If you did not receive the first issue, please update your contact information at [www.evergreen.edu/alumni/alumform](http://www.evergreen.edu/alumni/alumform). From this site, you may also submit a Class Note for the fall issue of the *Evergreen Magazine* and let fellow alumni know what you're up to.

## Alumni Authors on Campus

In April, the Friends of the Evergreen Library Alumni Authors Series presented two well-known writers: philosopher Austin Dacey '95 and educator Todd Denny '85.

Dacey, who holds a Ph.D. in philosophy from Bowling Green State University, read from and discussed his new book *The Secular Conscience: Why Belief Belongs in Public Life*. Currently living in New York City, he serves as a representative to the United Nations for the Center for Inquiry, a think tank concerned with the secular, scientific outlook. He is also on the editorial staff of *Skeptical Inquirer* and *Free Inquiry* magazines. Dacey's writings have appeared in numerous publications including *The New York Times*.

Educator and author Todd Denny discussed his new book, *Unexpected Allies: Men Who Stop Rape*. Denny earned his master's degree in social work from the University of Illinois. He has conducted over 1000 sexual assault and domestic violence education workshops in universities, public schools, and a variety of other community settings. His appearance was co-sponsored by the Friends of the Evergreen Library, the Writing Center, the Women of Color Coalition, and the Office of Sexual Assault Prevention.

Alumni authors who would like to be considered for this program for the 2008-2009 year should contact the alumni relations office.

## Greener Oasis – Supporting Student Scholarships

If you plan to be on campus June 14 for Super Saturday, don't miss the fun and good fellowship of the Greener Oasis. The Alumni Association Board of Directors is hard at work planning this popular annual event, which supports student scholarships.

Located on the ground level of the CAB in the "Greenery" and adjacent courtyard, the Oasis is a quiet place to sit down and visit – in the shade if it's hot outside, under cover if it's rainy and cool. We'll be serving locally brewed beer, Alumni Association special label wine, plus a variety of pizza and soft drinks. Music from the main stage will be piped in to the patio area, so you won't miss a thing.

The Oasis will be open from noon to 7 p.m. Guests must be 21 years of age and have valid I.D. Greener Oasis is a labor of love that takes many volunteers. If you would like to work a shift or two, please contact R.J. Burt, [burtr@evergreen.edu](mailto:burtr@evergreen.edu).



**GREENER  
OASIS**  
BEER & WINE  
GARDEN

Proceeds benefit the Evergreen Alumni Association Scholarship Fund

# Bonnie Marie

## Evergreen honors former Alumni Association President

In March, more than 100 faculty, staff, students and alumni gathered to honor Bonnie Marie, former president of the Evergreen Alumni Association and longtime college staff member, who retired on March 31. After a long and courageous battle with cancer, Bonnie Marie passed away on May 25, 2008. She was an inspiration to us all.

"Bonnie's contributions to Evergreen, to the Alumni Association and particularly to the finance and administration division have been enormous and passionate," said John Hurley, vice president for finance and administration.

Bonnie began her Evergreen career on September 18, 1972, as secretary to the dean of developmental services (later referred to as student services). In 1979, Bonnie took on the administrative assistant position, and also served as the alumni coordinator. Bonnie served on the Board of Directors of the Alumni Association from 2000-2007 and was elected president in June 2004. By virtue of being president, she served as liaison to the Board of Governors. In 2006, she also served as the college's acting director of alumni relations.

**"Bonnie helped orient me in many ways, and never turned me away when I asked for help, regardless of her own workload," said current alumni relations director R.J. Burt. "She was the perfect mentor, colleague and friend."**

In June 2007, Bonnie asked to resign from the Alumni Board. Due to her many outstanding contributions, the Board members voted to change their bylaws to allow for a new "emeritus" category, offered only to those who have given extraordinary service with consistency and excellence over time. Bonnie was unanimously elected as the first emeritus board member.



Several of Bonnie's family members joined the



"Bonnie never failed to deliver on any promises," recalls former alumni relations director Scott Pinkston, who traveled from Tacoma to honor Bonnie. "I could always count on her to get things done, to get my back, and to gently let me know when I was slipping up. Bonnie took me aside and coached me and brought me up to speed on the history and traditions of Evergreen. To me, she embodies its spirit and ethos and core values."

Although she left Evergreen in 1982 to work in private industry in Portland, Ore., she returned in the fall of 1999, and later joined the staff of the Student Teacher Technology Education Partnership as a program assistant. In 2002, Bonnie was hired as administrative assistant to the vice president for finance and administration.

Bonnie's long and illustrious career with Evergreen, both as a volunteer and staff member, illustrate her love and dedication to the college.



## Birding with Burt

Burton Guttman started birding when he was a boy growing up in Minneapolis, Minn. “It was a great place to be a kid inclined toward natural history,” he recalls, “an environment filled with birds, bugs, frogs, and flowers, and I was free to lose myself in that world for hours.” In March, the retired Evergreen biology faculty member saw the release of his new primer, *Finding Your Wings: A Workbook for Beginning Bird Watchers*. Published by Houghton Mifflin, the book is based on Guttman’s many years of experience leading walks and workshops for the Black Hills Audubon Society. He wrote it because of his concern over society’s increasing alienation from the natural world, to help “people get to know and love nature so they will want to protect it.”

Guttman drew from his background as an educator to provide neophytes with a basic step-by-step course of study that actively engages them in learning to identify different species and observe birds in the wild. Part of the popular Peterson Field Guide series, the 224-page spiral-bound workbook is designed to be used in conjunction with the Peterson field guides to eastern or western birds, which are employed as teaching aids. “The format derives largely from my Evergreen teaching experience,” he says, “especially from the workshop method – created by our late colleague Don Finkel – in which students develop their understanding by working through a series of carefully designed questions and activities.”

Filled with exercises, worksheets, and quizzes, *Finding Your Wings* not only prepares beginners for birding in the field, it also helps them develop a sense of progress as they gain more and more knowledge. “I

use a threefold approach to birding,” says Guttman. “First, learning how to see the details of a bird’s features; second, learning categories of birds; and third, learning the easiest, most common birds first.” The book is illustrated with color drawings and photographs, and features a chapter devoted to proper birding techniques and etiquette, as well as information on how to correctly use the various tools of the pastime, such as binoculars. Quiz answers are supplied at the back of the book.

To begin birding, the National Audubon Society recommends “three items: Binoculars, a field guide and a blank notebook. Having a friend that has more experience in birding can also be helpful.” *Finding Your Wings* is a good stand-in for that friend. According to noted bird authority Kenn Kaufmann, Guttman’s work is “an extended bird walk with a delightful mentor, a steadily unfolding discovery to the joys of birding.”

## Welcoming Salmon Home to Campus

More wild salmon could soon be making their home on Evergreen’s campus and in Puget Sound. This summer, an undersized culvert at the mouth of campus’s Snyder Creek will be removed and replaced by a 14-foot-wide box culvert. The new culvert will restore passage for coho salmon, chum salmon, and cutthroat, which will once again gain access to almost one mile of spawning and rearing habitat.

“We see this as a great opportunity for the Sound, and a good example of a public-private partnership that can bring benefits for the school as well as the environment,” says Dan Grosboll ’98, South Puget Sound habitat restoration coordinator for People For Puget Sound. “This is a great educational opportunity as well, because students are welcome to get involved in the restoration and monitoring and we will be working with faculty members on various aspects of the project.”

The college’s shoreline is one of the largest remaining stretches of undeveloped shoreline in the southern Puget Sound. This project represents a model for actions around the Sound to restore fish access to critical breeding and rearing habitat.

Project partners include the Washington State Salmon Recovery Funding Board, the Wild Fish Conservancy, People For Puget Sound, the Estuary and Salmon Restoration Program and the National Oceanic and Atmospheric Administration—Restore America’s Estuaries program.



Photo: Paul Reynolds, photography intern

# Sustainable Momentum

## *Keeping the Environmental Ball Rolling*

### Evergreen Creates Director of Sustainability Position

Given the wide range of environmentally-focused initiatives and themes in academic programs and college operations, Evergreen has further bolstered its efforts by creating a full-time director of sustainability position. After a nationwide search, Evergreen hired John Pumilio MES '07 to head its sustainability efforts. Pumilio served as chair of the Sustainability Committee while he was completing his Master of Environmental Studies at Evergreen, and was the author of Evergreen's first carbon emissions survey in 2007. Pumilio will work to ensure that Evergreen continues to "walk the talk" when it comes to environmental issues. He will also help further leverage the college's work by promoting partnerships beyond the campus.

### Focus the Nation – Engaging the Wider Community

More than 500 environmentally-minded people gathered at The Washington Center for the Performing Arts on January 30, 2008, to take part in Focus the Nation – Creating a Climate of Change: A Community Forum on Climate Change in the Pacific Northwest. The event, part of a nationwide initiative, was sponsored by Evergreen, South Puget Sound Community College, Centralia College and St. Martin's University. From the keynote by Seattle Mayor Greg Nickels to the insights from a select panel of scientists, policy makers, environmental activists and government leaders, the event engaged participants and challenged them to take positive steps to address global climate change. Olympia artist Nikki McClure '91, generously allowed us to use her beautiful paper-cut art for the event program.



Field (detail) by Nikki McClure '91

### Solar Panels and Electric Cars Make Evergreen Greener

Thanks to a \$75,000 grant from the state of Washington's Office of Financial Management, the remodel of the Evans Library – due for completion by the end of the year – will include an array of photovoltaic cells on the rooftop. The unit will provide eight kilowatts of electricity, enough to power two average homes. "We're starting off small," explains Paul Smith, Evergreen's director of facility services, "but this is a good opportunity for us to apply this technology on campus and perhaps learn some lessons for future use." This will also serve as a demonstration project and will include a kiosk to show the power being produced. The college's Clean Energy Committee is working with facilities services to provide the matching funds needed to purchase and install the photovoltaic array.

Small electric vehicles have been used by campus facilities and maintenance crews for some time, but plans are now in the works to wheel out a few more. "We're looking at adding some larger electric vehicles to replace some of our gasoline vehicles," says Smith. "We're evaluating the options now and hoping to add as many as five more electric vehicles, including some that can carry more passengers and larger loads, within the next several months. It's part of our continuing effort to make Evergreen a little more 'green' each year." The first vehicle, a Miles, arrived at the end of April, and four other vehicles will be on campus by the end of June.

### Going for the Gold

#### ***New CAB Design Aspires to Higher LEED Status***

While designs for remodeling and expansion of the College Activities Building (CAB) are still being developed, architects and building committee members, including students, faculty and staff, are hopeful they will be able to exceed their initial goal of a silver level certification through the Leadership in Energy and Environmental Design (LEED) program and go for the gold. LEED, developed by the U.S. Green Building Council, is the national standard in assessing and developing high-performance sustainable buildings. The higher standard would put the renovated CAB at the same level as Evergreen's Seminar II building, the first state building in Washington to achieve LEED Gold status. "Seminar II was an entirely new building, so that gave us some opportunities to achieve greater efficiencies from the outset," explains Smith. "That's a lot more difficult with the remodeling of building built in less energy-conscious times—the CAB opened in 1972. Even if we don't reach the standards for gold certification, it's clear we will significantly exceed our original silver ambitions."

The CAB construction is scheduled to begin in early 2009, after the completion of the library remodel project, and be completed by the summer of 2010.

# “What’s the Universe Worth to You?”

## Neil deGrasse Tyson Visits Evergreen

More than 1,250 science buffs filled Evergreen’s College Recreation Center on April 29 as the college welcomed Dr. Neil deGrasse Tyson, one of today’s premiere leaders in science, astronomy, and education to Olympia for a presentation and question-and-answer session.

Using examples ranging from ancient Baghdad to modern China, Tyson emphasized the importance of national support for science education and research. “When a nation loses its numeracy, it loses sight of what is important and what is not,” he said. “The country begins to lose sight of itself, and we lose the sense of how to treat each other.”

Renowned astrophysicist, director of the Hayden Planetarium at the American Museum of Natural History in New York City, and host of PBS’s *Nova ScienceNow*, Tyson is a leading voice in astronomy, appearing on *The Daily Show with Jon Stewart* and *The Colbert Report*, among others. In its 2007 *Time* 100 list of “the people who shape our world,” *Time* magazine described him as “The Carl Sagan of the 21st century – as long as you envision a Sagan who’s muscular, African American, and as cool as his predecessor was geeky,” and referred to him as “the great explainer of all things cosmic.”



Tyson’s *New York Times* bestselling book *Death by Black Hole* covers topics from astral life at the frontiers of astrobiology to the movie industry’s less than perfect efforts to get its night skies right. Renowned for his ability to blend scientific knowledge, accessibility, and humor,

Tyson is a natural teacher who simplifies some of the most complex concepts in astrophysics while sharing his infectious excitement for our universe.

“If we ever needed a scientifically literate population, it’s now,” Tyson said in his *Time* 100 listing. “I get enormous satisfaction from knowing I’m doing something for society.”

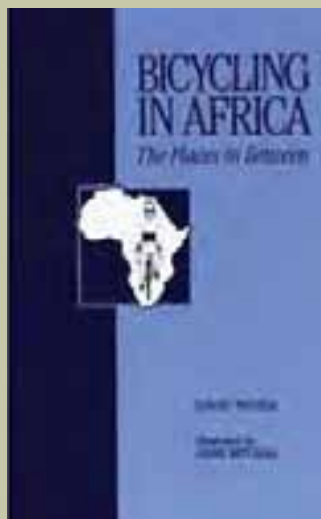
The Unsoeld Seminar Series brings distinguished visitors to The Evergreen State College campus who reflect the values and philosophy of Willi Unsoeld, a founding faculty member, philosopher, theologian and mountaineer. Unsoeld is well known for his first ascent of the West Ridge of Mount Everest with Tom Hornbein, in which they made the first successful traverse of any Himalayan peak. For this feat, President John F. Kennedy presented them with the

Hubbard Medal, the National Geographic Society’s highest honor. The annual Unsoeld Seminar is endowed as a “living memorial” in honor of Willi Unsoeld, who lost his life in an avalanche on Mount Rainier in 1979.

## CLASS NOTES

### 1974

**David Mozer**, Seattle, Wash., is the founder and director of the International Bicycle Fund ([www.ibike.org](http://www.ibike.org)), which promotes worldwide sustainable bicycle transportation and cultural understanding. He also founded and owns Ibike Tours ([www.ibike.org/ibike](http://www.ibike.org/ibike)), which markets and leads international biking tours. An African studies specialist and accomplished bicyclist, he first started cultural bicycle touring in the 1960s. His first trip to Africa was in 1975 as a Peace Corps volunteer to Liberia. During the next two years he taught math and science and hiked hundreds of miles visiting isolated village schools directing an education extension program. He then traveled extensively studying the rest of West Africa. After completing a master’s degree in applied economics, David returned to Liberia on contract with the American Embassy, at which time he administered a



grant program for village development and reported on economic conditions. He has appeared on National Public Radio, the Voice of America and the Voice of Kenya discussing Africa. David also has taught African Studies at the college and high school level and is the director of the International Bicycle Fund, where he works on rural development, environmental issues, urban planning and cross-cultural understanding. David is the author of *Bicycling In Africa* and numerous articles on transportation and travel.

### 1976

**Janet Stonington**, Louisville, Colo., is a physician assistant with Dakota Ridge Family Medicine in Boulder, Colo. Her daughter Megan is 14 years old.



## Kelso Conquers Manhattan, Then Returns Home

Acclaimed literary comic book artist **Megan Kelso '91** won a bigger audience for her work when *The New York Times Magazine* serialized her strip, "Watergate Sue." The comic tells the story of a young mother who becomes obsessed with the Watergate scandal as it unfolds. It ran every Sunday for six months between April and September last year in "The Funny Pages," the magazine's one-page department devoted to cartoons. Kelso, who has been called "one of comicdom's brightest female stars," was the first woman to be awarded a grant from the prestigious Xeric Foundation, which helps promising comic book creators publish their work. The grant enabled her to self-publish six issues of *Girlhero*, a comic she started at Evergreen. *The New York Times* called the series a "sassy feminist treatise." It provided material for many of the short stories in her 1998 collection, *Queen of the Black Black*.

Her work has appeared in many anthologies, in Seattle's weekly newspaper, *The Stranger*, and on the Web site of ABC News. For the Washington State Department of Ecology, she illustrated a 28-page environmental education comic for high school students called *Lost Valley*. In 2002, Kelso received two Ignatz Awards—one for "Outstanding Artist" and one for

"Outstanding Minicomic," for *Artichoke Tales #1*. The Ignatz Awards—named for the character in the classic comic strip *Krazy Kat*—recognize outstanding achievement in comics and cartooning. Kelso is expanding *Artichoke Tales* into a graphic novel, which should be issued next year.

Kelso and her family recently returned to her native Seattle after spending six years in Brooklyn, N.Y. Her daughter, Virginia, was born in April 2006. The following summer, Kelso's second collection of graphic short stories, *The Squirrel Mother*, was published. In its review of this work, *People* magazine lauded her "sharp powers of observation," and noted that the "blank-eyed innocence" of many of her characters "serves as a counterpunch to the acuity of the narratives."

Kelso drew her first comic in her final year at Evergreen, for her individual study contract. She plans to continue doing so until she is an old, old lady.



Excerpt from Megan's graphic novella "Watergate Sue."



### 1979

**Linda Anderson**, Portland, Ore., has run her home-based freelance writing and communications consulting business for 10 years, after spending almost 20 years in corporate communications. Among the subjects she writes about are energy policy and conservation, sustainability, green building, and home construction and furnishings. Her Web site is: [www.landerson.biz](http://www.landerson.biz).

### 1980

**Mark Handley**, Juneau, Alaska, is an administrative law judge. He was appointed by the governor to serve on the Alaska Public Offices Commission, where he was elected chair in 2005. His children, Arlo and Madeline, attend the local arts-focused cooperative charter school. His wife Catherine works for the Alaska State Senate.

**Perry Spring**, Port Townsend, Wash., is the founding director of Sacred Nature: A Learning Center for Spiritual Ecology ([www.sacrednature.net](http://www.sacrednature.net)), which promotes ecologically sustainable, spiritually connected living by offering coursework focused on the integration of spiritual wisdom teachings, holistic sciences and many forms of creative expression. He is also involved in natural resource conservation work in forests and estuaries on the Olympic Peninsula. He is married to Janet Kearsley and enjoys song circles and time in their garden.

### 1981

**John G. Howat**, Boston, Mass., is a senior policy analyst at the National Consumer Law Center, involved in advocacy on energy and utility issues of particular importance to low-income households. He represents member- and community-based organizations and state consumer advocates in regulatory

and legislative forums across the country. He lives with his 14-year-old son and 12-year-old daughter. They plan on visiting the Pacific Northwest this summer.

**Gavin Lakin**, Marin County, Calif., recently entered into a music licensing agreement with the Alzheimer's Association for his song, "My Turn Now." A percentage of every online sale of the song will go to this important cause. His CDs "Parallel Dreams" and "Mister Right Now," as well as many of his original singles, are available at major online music retail sites. His Web site is: [www.gavinlakin.com](http://www.gavinlakin.com).



In 1973, the year Evergreen received full accreditation from the Northwest Association of Secondary and Higher Schools and the Lab I Building was dedicated, biophysicist Betty Kutter arrived on campus. Kutter had been investigating the molecular biology of bacteriophages—"phages" for short—bacteria-destroying viruses that are the planet's most abundant life form. Intrigued by Evergreen's emphasis on interdisciplinary learning and teaching, she was encouraged to add her phage research to the roster of hands-on opportunities that would be made available to undergraduate students.

With grant support from the National Institutes of Health, she moved into the new Lab I Building, opening the college's phage lab in Room 2050. Since then, her pioneering group has educated hundreds of students and isolated dozens of specific phages that hold great promise in eliminating such troublesome microbes as *Escherichia coli* O157:H7—the food-borne microorganism known as *E. coli* that can trigger serious illness in humans—*Pseudomonas*, which cause bacterial pneumonia in humans, *Aeromonas salmonicida*, which produces an infection that plagues local hatchery fish, and perhaps even the superbugs that have developed from the overuse of antibiotics.

Kutter's team also reached out beyond the lab to establish collaborations that have built bridges and fostered hopeful developments both locally and around the world. Their Evergreen International Phage meeting, first held in 1975, now draws scientists from 30 countries.

Kutter, who recently became an emeritus professor after 35 years of teaching, says, "Few people think of Evergreen as a place for serious scientific research, yet the open environment, cross-disciplinary focus, lack of pressures to publish and wonderful laboratory facilities have supported an exciting breadth and depth of research with phages that have led to many new insights over the years and sent students off into many different, exciting and challenging directions. I feel incredibly lucky in my choice of path, and in all the friends and adventures it has brought."



Inset: Faculty members Andy Brabban and Betty Kutter lead Evergreen's Phage Laboratory.

## Phage Lab Celebrates 35<sup>th</sup> Anniversary

### 1982

**Ben Alexander** and **Susan Buis '83**, Olympia, Wash., founded Sound Native Plants in 1992. They are celebrating their 15<sup>th</sup> anniversary of doing business in Olympia. They employ two other Evergreen graduates



Susan Buis '83 and Ben Alexander '82.

and many work-study students. Sound Native Plants offers extensive environmental restoration consulting services, including education, project planning, permitting and management, and designing native planting plans for private, county and nonprofit organizations. Their focus is on native plants well adapted for environmental restoration and mitigation projects in the Puget Sound Area. Their Web site is: [www.soundnativeplants.com](http://www.soundnativeplants.com).

**Gretchen Christopher**, founder of the vocal group, The Fleetwoods, released her CD, "Sweet Sixteen (Suite 16)," in October 2007. She was interviewed on XM Satellite Radio's "Night Prowl Show" with Matt the Cat as part of the CD release promotion. Her trio's Web site is: [www.thefleetwoods.com](http://www.thefleetwoods.com).

**Matt Love**, Edmonton, Alberta, has until recently resided with his wife Anne Sales in São Paulo, Brazil, where he played with the band Lulina e os Causadores. Their set drew heavily from his experiences in Olympia, and involved several cover songs, including Beat Happening's "Cast a Shadow," which seemed to be known by everybody in the audience, who sang along during the chorus. Matt was amazed that Olympia's music had influenced so many of the people he met in São Paulo, a city of some 10 million. Matt and Anne plan on returning to Brazil as often as they can, but for now, he is looking for ways to facilitate a larger scale cultural exchange between Canada and Brazil where the music scene is concerned.

Submit a Class Note for the fall issue at [www.evergreen.edu/alumni/alumform](http://www.evergreen.edu/alumni/alumform).





Photos: Carlos Javier Sanchez '97

With his Foundation Activity Grant, **Eddie Sumlin '07** organized a prestigious regional dance competition at Evergreen. He is able to use his social psychology focus working with at-risk youth through Fab5, a Tacoma-based arts nonprofit, and plans to attend graduate school. "Evergreen students have a lot of ideas. The Foundation gives us the opportunity to dream as big as we can."



Tree of Life by Keiko Mihara

**Alison Dewey '11** plans to become a college philosophy professor. Her Foundation scholarship helps ensure she can continue her education without being overburdened with debt. "Philosophy teaches how to analyze the critical issues we are facing, and methods to solve problems in our society," she says. "Passing that on is the best way I feel I can impact the world."

# Help create a Greener future

On behalf of Eddie, Alison and more than 100 other Evergreen students who receive scholarships and activity grants through the Annual Fund, we want to pass along a simple message: "Please consider a gift – it makes a big difference."

Today, Evergreen relies more than ever on private donations for student scholarships, faculty development and support for critical programs across the campus. Our students depend on you.

*Please give to the Annual Fund today!*

[www.evergreen.edu/give](http://www.evergreen.edu/give)

## 1988

**Kirsten "Kirty" Erickson Morse** has obtained Shodan Ho (black belt) status in Okinawan Goju Ryu karate. She began training with Nicholas Petrish of Pacific Rim Karate in Mount Vernon in 1994. Seven of the original members of Pacific Rim Karate have earned Shodan status, including Kirsten's husband, Kevin Morse.



**Kirsten "Kirty" Erickson Morse '88**

## 1990

**Lisa Drittenbas**, San Francisco, Calif., works as a freelance computer instructor.

## 1991

**Matthew Dodson**, Pasadena, Calif., lives with his 5-year-old son Eli and works for state Senator Jack Scott. He is writing a novel called *Cutting of the Elm*.

**Lisa Madelle-Bottomley** and **Tara Sparkman-Andrews '83** have started a joint practice that offers various creative therapeutic techniques, including sand tray art and play therapy, along with Jungian-oriented workshops that take place in Port Hadlock and Port Angeles.

## 1992

**Heather Davis**, Seattle, Wash., is a young adult fiction author. Her debut novel, *Never Cry Werewolf*, is scheduled for publication by HarperCollins in April 2009.

**Jenefer Husman** is an assistant professor of psychology in education at Arizona State University in Tempe. On November 1, 2007, she received a Presidential Early Career Award for Scientists and Engineers at the White House.

**David Nyberg**, Fairfax, Calif., has been married to Marilyn Wood for five years. His daughter is two years old. He spends much of his time outside skiing, swimming and surfing. He also enjoys white water rafting, a skill he learned from one of Evergreen's clubs. As a general contractor specializing in green building, he is interested in networking with alumni and others in the same field.



# Evergreen Ranks High on National Survey

Evergreen students reported higher than average engagement on all benchmark measures of the 2007 National Survey of Student Engagement (NSSE), including academic challenge, active and collaborative learning, student-faculty interaction, enriching educational experiences, and a supportive campus environment. Compared with other first-year and senior-class students who responded to NSSE, Evergreen students spend more time preparing for class, read more assigned texts, and more frequently ask ques-

tions, contribute to discussions in class, and give class presentations. They also indicated that they more often work with other students on projects during and outside of class, and discuss ideas from reading and classes with others outside of class.

Evergreen seniors were significantly more likely to have participated in several enriching educational experiences than seniors at other colleges and universities, including participation in a learning commu-

nity, study abroad, independent study, and more frequent conversations with students who are different from themselves in terms of race, ethnicity, religion, political opinions, or values.

Evergreen participates in the NSSE annually as part of its ongoing institutional assessment plan to sustain effective and engaging educational practices and identify areas for improvement. More than 600 colleges and universities participated in the 2007 survey.

## From Sundance to the Oscars

On her first try at feature filmmaking, **Audrey Marrs '96** scored an Oscar nomination. Marrs co-produced *No End in Sight*, a documentary chronicling the policy choices made by the Bush Administration during the run-up to the war in Iraq and the months immediately following the invasion. The film, which illuminates how these decisions led to the current quagmire, features interviews with numerous high-ranking government insiders such as Richard Armitage, Deputy Secretary of State; Colonel Lawrence Wilkerson, former Chief of Staff to Secretary of State Colin Powell; Jay Garner, the retired lieutenant general who was in charge of the occupation through May 2003; and Ambassador Barbara Bodine, a senior envoy in charge of Baghdad during the spring of 2003. Along with the film's director—Charles Ferguson—Marrs was named as an Academy Award nominee in the 2007 Best Documentary Feature category.

Since being released, *No End in Sight* has collected many prizes, including Best Documentary by the National Society of Film Critics and a Special Jury Prize at the 2007 Sundance Film Festival. *The New Yorker's* movie critic David Denby called it the "best documentary on the Iraq occupation so far," adding that the "modest, attentive, and outraged collection of interviews, news footage, and narrated history gathers weight and strength and delivers, in chronological order, an overwhelming pattern of folly." Marrs, who made a number of short films while studying studio art at Evergreen, was active in Olympia's indie music scene in the late 1990s. She played in several local bands including Mocket, Gene Defcon and Bratmobile. Before she began working on *No End in Sight* with Ferguson at his company, Representational Pictures, Marrs studied curatorial practice at the California College of the Arts and was an independent curator of gallery exhibitions in San Francisco. She resides in Berkeley, Calif., with her husband Jesse Michaels.



## 1993

**Freddie Mae Barnett** is retired and working for the Tacoma School District as a substitute teacher.

**Ethan Delavan**, Seattle, Wash., finished producing a documentary called "Stories of Silence: Recovering from Boyhood Sexual Abuse." It aired on Seattle's KCTS Television in October 2007, prompting an article in *The Seattle Times*, a panel discussion at Shepherd's Counseling Services in Seattle and an interview on KUOW radio, Seattle's NPR affiliate. He is in the process of shopping the documentary around to other PBS affiliates for broadcast. His web site [www.storiesofsilence.org](http://www.storiesofsilence.org) has information on the project. He and his wife Erica have a 16-month-old daughter named Naomi. He teaches media arts at Seattle Country Day School in Seattle, where he began as a part-time drama teacher 10 years ago.



**Cosmic Blue Monkey (mosaic) by Jennifer Kuhns '93**

**John Virgil Kershaw** is proud to announce the publication of his book *My Great Grandfather was a Lamanite King* (under the pseudonym John Aquilla Kershaw).

**Jennifer Kuhns** has worked in a variety of media over the years, but began to focus on mosaic in 2000. A dedicated recycler, she uses mostly salvaged stained glass and tile in her mosaics. She also collects reusable fabrics, discarded magazines, and other castaways for a variety of projects. In 2001 she married Mike Kuhns, and in 2003 she became mother to their daughter, Anouk. She now lives about 30 miles west of Olympia, Wash., on five lovely acres with two dogs, two cats, chickens, ducks, turkeys, goats and a Tarzan Fairy Princess. Her work can be viewed at [www.bluemonkeyart.org](http://www.bluemonkeyart.org).

**Karla Raettig**, Washington, D.C., recently started a job with the D.C. office of the National Wildlife Federation, where she works as a legislative representative for wildlife conservation and global warming.



# All-American Menefee Leads Geoduck Revival

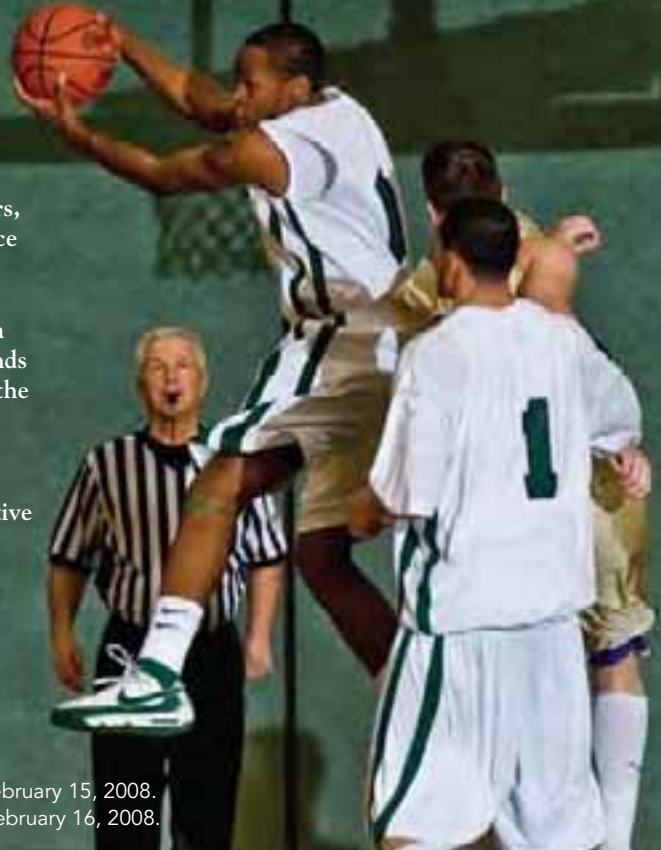
The second time around proved better for both Nate Menefee and Evergreen's men's basketball team. When Menefee, now a Geoduck sophomore, propelled Lacey's Timberline High School to its first WIAA State 3A tournament in many years in 2004, his next step was to sign with Evergreen. Redshirted during the 2004-05 season, Menefee decided to transfer to Warner Pacific College in Portland and led the Knights to a berth in the 2006 NAIA National Championships.

But Menefee missed home cooking. After a year away from basketball, the 5'10" guard re-enrolled at Evergreen to play for new coach Jeff Drinkwine and the spark was lit for an instant revival of Geoduck basketball.

With Menefee averaging nearly 23 points per game on his way to NAIA All-America honors, the Geoducks ran off to their first winning season in six years, compiling a 21-8 overall record and hosting the Cascade Collegiate Conference championship game for the first time.

Evergreen was hardly a one-man show, however, as 6'7" junior Nick Moore, a transfer from Lower Columbia College who averaged 13 points and six rebounds per game, was named the conference's Newcomer of the Year. Moore also led the conference in three-point shooting with astonishing 56.4 percent accuracy.

Seniors Marcus Whittaker and David Howard provided valuable leadership in their final collegiate seasons. Building around a strong nucleus of quick, effective guards in Menefee, Michael Ward, Marcus Wright and John Levi III as well as interior players Moore and 6'8" Julio Feliciano, the Geoducks are having a strong recruiting year and expect to continue the success that Drinkwine had in his first season.



Michael Ward rebounds during the second half of play against the College of Idaho, February 15, 2008. Inset: Nathan Menefee dribbles past Eastern Oregon University's Jeremy Templeton, February 16, 2008.

## 1994

**George Stankevich** is currently working at Legend Toonland Animation in ZhuHai China. George trains the staff in 3-D animation and he organizes the production work. He is responsible for the development and work arrangement of over 60 animators. They are currently in production on two full-length 3-D animated movie projects, *Dwegons* and *Los Opolis*, as projects for Chinese television.

## 1995

**Cynthia D. Vogel**, Vancouver, Wash., works in the community mental health field as a clinician in dialectical behavior therapy (DBT). She is pursuing a second degree in fine arts at Portland State University.

## 1996

**Carla Barrett** received her Ph.D. in sociology from the City University of New York Graduate Center in May 2007. In the fall of 2007, she accepted an assistant professor



"Great Wall" (still), George Stankevich '94.

position in sociology and criminology at the State University of New York (SUNY) College at Old Westbury on Long Island, New York. In March 2008, she was awarded a diploma in international critical criminology from the Common Study Programme in Critical Criminology, an international consortium of nine universities dedicated to the study of criminology. The award was for her dissertation research on youth tried as adults in New York City.

**Rob Upson** has recently accepted a position as a staff accountant at Benham & Hodge on St. Thomas, U.S. Virgin Islands. After four years of teaching math and science at the Antilles School and coaching the high school sailing team to national championships, he relishes his quiet office. He married Elisabeth Anderson on a blue moon in 2007.



# Solberg Named All-Conference

The word “heart” can be overused in sports. But if the description is to be applied to those who love their sport enough to endure injury and hardship to keep playing, no one can be said to have more heart than Evergreen senior Jennifer Solberg.

Solberg, the Geoducks’ lone All-Cascade Collegiate Conference selection in 2008, was in the top 10 in the league in four major statistical categories: scoring (8th at 15.5 points per game), rebounding (2nd at 10.2 rebounds per game), free throw percentage (4th at 82.0) and minutes played (8th at 33.5 per game). She led the team to the Cascade Conference Tournament quarterfinals.

But more remarkable was how the 5’10” Tacoma product made her way to those impressive numbers: wearing a wide variety of braces, tape and long-sleeved undershirts to nurse her through an ongoing series of injuries that began in her days at Centralia Community College. Persevering, Solberg put up two stellar seasons at Evergreen, including twice being selected Cascade Player of the Week in 2007-08, and being named a 2007-08 Cascade Conference All-Academic performer.

In addition to Solberg, seventh-year coach Monica Heuer will lose seniors Molly Clark, Bonita Wilcox – who returned to Evergreen after a tour of duty in Iraq – and Katie Beck. Evergreen will return three key member of the Class of ’09 next season in guard Joy White and forwards Rosalind Lee and Kristi Auckland.

Evergreen’s Sydney Davis (#11) and Jennifer Solberg (#33) during a conference game against Warner Pacific in Olympia on January 5, 2008.



Basketball photos: Carlos Javier Sánchez '97

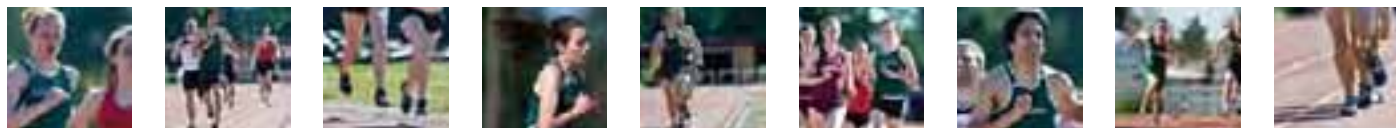
## 17 Million Viewers Can't Be Wrong!

**Adam Bahner '04**, known by the stage name Tay Zonday, became an Internet sensation with a baritone performance of his tune, “Chocolate Rain.” The song, which recently won a YouTube Video Award in the music category, has earned Bahner a considerable amount of media attention. Since first being posted on the popular video-sharing site in April 2007, more than 16.7 million viewers have checked out Bahner’s clip. It shows him singing into a microphone, with occasional cutaways of him playing a digital piano. Ranked as the hottest “viral video” of Summer 2007 by CTV.ca, the catchy riff has spawned numerous remixes, covers, and parodies on the Web, including a spoof by Grammy-Award-winning singer John Mayer.



In reporting on Bahner’s online celebrity, the *Los Angeles Times* observed that he was no “one-hit wonder. All of his YouTube videos have achieved impressive success.” Currently a Ph.D. candidate at the University of Minnesota, Bahner also appears in a flashy online advertisement for Cherry Chocolate Diet Dr Pepper. Surrounded by a bevy of beautiful women, he’s filmed crooning his own ironic send-up of his original YouTube hit with guest-starring rapper Mista Johnson. Called “Cherry Chocolate Rain,” the jingle’s closing lyrics are, “This Internet thing is wild.”





# Cross Country & Track Records Fall



Geoduck athletes took the national stage as the year-round cross country/track and field season played out. In the fall, Evergreen's No. 2 men's runner, Eric Jones, a junior from Vancouver, Wash., used his brain power to rush to the head of the pack. Jones, working towards a career in education, was named a National Association of Intercollegiate Athletics (NAIA) Scholar-Athlete All-American. During the indoor track season, Jones knocked off two school records, in the mile and in the 3,000 meters.

During the spring, action switched to the outdoor track but the Geoducks never slowed down. Both Emily Uhlig, a junior from Renton, and Brian Rakestraw, a sophomore from Woodinville, reached the NAIA National Championships. Uhlig qualified in both the marathon and 3,000-meter steeplechase; she also set three Evergreen women's bests this year in the steeplechase, half marathon and indoor 3,000 meters. Rakestraw qualified in the marathon, and set two men's records in the 3,000 meter steeplechase and 5,000 meters.

They weren't the only Geoduck tracksters busy dismantling the school record book. Lindsey Farah, a junior from Yelm, carved out a large chunk of spring and middle-distance history for herself, besting the all-time Geoduck women's marks in the 200, 400, 800 and indoor 600. On the men's side, sprinter Ryan Lara and middle-distance ace Miguel Pineda did most of the damage. Lara, a freshman from Tacoma, became the Geoducks' top 200 and 400 runner of all time both indoors and out, while Pineda, a senior from Olympia, claimed both 800 marks, and also turned in a Geoduck best in the 1000 indoor. Kellen Plomski, a junior from Shelton, set the 400 hurdles record.

The Evergreen men teamed up for some relay records as well: Liam Rockwell joined Pineda, Lara and Jones to break the distance medley relay indoor mark; Plomski, Lara, Rockwell and Pineda topped the 4x400 mark; and Jason Shoemaker joined Lara, Plomski and Pineda to overturn the 4x100.

Photos: Carlos Javier Sanchez '97

## 1997

**Julie K. Lary**, Seattle, Wash., and Evergreen student Michael La Rosa were married in April 2008.

**Claudia L. Sandoval**, Tucson, Ariz., obtained her MSW from the University of Southern California. She has been practicing social work for the last six years. She works for the University of Arizona with students who have learning and attention challenges.

**Jenna Shaw-Battista** trained as a licensed homebirth midwife and then became a nurse practitioner and nurse midwife in 2001. In 2005, she returned to school as a doctoral student and Betty Irene Moore Fellow in the department of family health care nursing at the University of California, San Francisco. Her ongoing dissertation research is on underwater birth. She married Jeff Novick



**Jenna Shaw-Battista '97 with husband Jeff Novick and daughter Sarah.**

in November 2006 and, after 11 years of attending women in childbirth, she became a mother in August 2007. Jenna and Jeff are continually amazed by their little girl Sarah, who was born at home in the tub just as they'd hoped.

## 1998

**Francesca Maria Quagliata** and **Keary Knickerbocker**, Portland, Ore., married in 2000. In 2005, their daughter Amelia was born. Francesca is an independent artist and designer.

## 2001

**Christopher Dennis Dowling** received a master's degree in forest management from Oregon State University. He has lived in Alaska for the last four years. His daughter is 19 months old. He would like to hear how other students of the sustainable forestry program are doing in their postgraduate lives.

**Karen Jean Manners**, Puyallup, Wash., has a 7-month-old granddaughter. Her son attends college in Florida, and her daughter, a senior in high school, plans on pursuing a bachelor's in criminal justice to become a police officer.



## In Rachel's Own Words

Rachel Corrie HON '03 was in the habit of chronicling her personal journey long before it was cut short in the Gaza Strip. From an early age, she routinely recorded her impressions, insights and intimate moments in poetry, journals, lists, and letters. During her last month on earth, while volunteering with the International Solidarity Movement in the Palestinian border town of Rafah, she dispatched streams of e-mails to family and friends reporting about the people she met and the violence she witnessed in the occupied territory.

On March 16, 2003, Rachel was killed as she attempted to block an Israeli military bulldozer from demolishing a Palestinian family's home. In an instant, the 23-year-old Olympia native was transformed from a complex and idealistic young woman into a lightning rod for the deeply divided passions ignited by the conflict between Israel and Palestine.

Upon learning the terrible news of her death, her parents' "immediate impulse was to get her words out to the world." Soon after, the British newspaper *The Guardian* published the e-mail accounts of what she had witnessed in Gaza. This serialization, along with her journal entries, was adapted into the one-woman play, "My Name is Rachel Corrie," which opened to sold-out audiences in London in April 2005 and continues to be performed all over the world.

This March, her collected words were issued in the memoir, *Let Me Stand Alone, The Journals of Rachel Corrie* (Norton). Compiled and edited by her sister, Sarah Corrie Simpson, with an introduction by her mother and father, Cindy and Craig Corrie, the 256-page book begins when Rachel was 10, and ends with the final e-mail she sent to her father four days before she died. Her compositions, as described by the book's publisher, reveal "a dawning sense of self, a thirst for one's own ideals, and an evolving connection to others, near and far. Corrie writes about the looming issues of her time as well as the ordinary angst of an American teen, all with breathtaking passion, compassion, insight, and humor. Her writing reverberates with conviction and echoes her long-held belief in the oneness of humanity."



### 2002

**Richard J. Dunn** is a financial advisor with Merrill Lynch in the San Francisco Bay area. He works with individuals and businesses on investing, planning and charitable contribution plans with an emphasis on green and socially responsible investing.

### 2003

**Richard C. Folk** graduated from the Northern Illinois University College of Law in May 2007.

**Alison Loris**, Bremerton, Wash., is working on a novel and works in shelters for homeless men and women in Seattle.



**Andrew Senna '03 and Ben Robertson '03, founders of Aphonía Recordings.**

**Ben Robertson** and **Andrew Senna** have started Aphonía Recordings, a new record label in Seattle, Wash. The independent recording label and production company specializes in the release and promotion of experimental music, sound art, and the more bizarre aspects of pop music. Their goal is to facilitate the release of material that might not otherwise see the light of day and as an added advantage, they offer their entire catalogue of recordings in a digital format. Customers can listen to, purchase, download and burn entire albums, complete with the printable artwork and other supplementary material. Aphonía offers the means of production, as opposed to a physical product, and the company's prices are significantly lower than those of comparable compact disc recordings. Aphonía's Web site is [www.aphoniarecordings.com](http://www.aphoniarecordings.com).

Submit a Class Note for the fall issue at [www.evergreen.edu/alumni/alumform](http://www.evergreen.edu/alumni/alumform).

# Evergreen Launches New Master's Program

## M.Ed.

### Master of Education Program

In a move to improve access to advanced education for South Sound teachers, Evergreen has launched a new Master of Education program in curriculum and instruction which will start in summer 2008. Designed for practicing teachers, the M.Ed. program will offer tracks in both mathematics and English as a Second Language (ESL) in preparation for state endorsement testing. "We've designed a flexible and affordable program to help teachers improve their skills, advance in their careers and take on new leadership roles in the education community," says program director Magda Costantino, Ph.D.

"The Master in Education at Evergreen will provide excellent professional development opportunities for teachers in the South Sound region," says Randy Spaulding, Higher Education Coordinating Board director of academic affairs. "The program builds on the strength of the current Master in Teaching program and Evergreen's teacher professional development activities, and will allow teachers to improve their teaching practice and add additional endorsements in either math or ESL—both of which are in high demand right now."

## MIT Judged "Exemplary"



In January, the State of Washington Professional Educator Standards Board (PESB) reapproved Evergreen's Master in Teaching (MIT) and Professional Certificate programs for five years based on "exemplary" compliance with state standards. The MIT program also became the first teacher preparation program in the state to receive approval to offer newly adopted, more rigorous Middle Level Math and Middle Level Science endorsements.

"Our MIT program is not only producing exceptionally qualified teachers," says program director Sherry Walton. "We're also helping to fill specific needs in this state in high demand areas including math, science and English as a Second Language."

In its accreditation report, the PESB noted praise for Evergreen's MIT program and students from local school districts. "District

administrators and school administrators lauded [Evergreen] MIT candidates' abilities to work with all students due to their coursework and field experiences," the report noted.

Evergreen's MIT graduates have an exceptional record of success in teaching. "MIT faculty and students work together to develop the knowledge and skills to effectively support the development of the diverse learners who attend our public schools. We also have a unique emphasis on social justice and collaborative teaching and learning," Walton explains. "Three of our students were honored as Outstanding (New or Young) Art Educator of the Year in 2006 and 2007, another was recognized as Outstanding Environmental Educator of the Year in 2003-04 and many more have been recognized for excellence in teaching and education."



After a six-month national search, **Ray Goforth '95** was named the new executive director of the Society of Professional Engineering Employees in Aerospace (SPEEA), a union of 24,050 aerospace professionals. Goforth, who has a reputation as a tough negotiator, was the unanimous choice of the seven-member SPEEA executive board. "It was clear in the interviews that Ray really did his homework and knew the issues," said SPEEA president Cynthia Cole. Goforth started in his new position in February, after spending a decade as a union representative and strategic adviser with Local 17 of the International Federation of Professional and Technical Engineers (IFPTE) in Seattle. Based at SPEEA's Tukwila, Wash., headquarters, Goforth will manage a staff of 33 while working with the union's executive board and councils to implement policies and direction. He is also responsible for offices and employees in Everett, Wash., and Wichita, Kan. SPEEA represents engineers and technical and professional employees at The Boeing Company, Spirit AeroSystems, BAE Systems and Triumph Composite Systems in Washington, Kansas, Oregon, California, Texas and Utah.

At the bargaining table, Goforth seeks to find areas of mutual concern that will allow SPEEA to work collaboratively with corporations. "I want a positive path," Goforth said. "Under ideal conditions, we can work in partnership with employers to advance toward our common goals. Under adverse conditions, we can ensure the employer cannot ignore the interests of workers." Goforth received his bachelor's degree in political economy from Evergreen. He then went on to graduate from the University of Washington Law School. He lives with his wife, Kim, and their three children in Auburn, Wash.



# Evergreen Remembers Sid White 1924-2008

**Sid White**, artist, curator and Evergreen emeritus faculty member, died on January 21, 2008. Formerly an art professor at Oregon State University, Sid came to Evergreen in 1970 as a planning faculty member. During his 20-year tenure at Evergreen he was committed to the goal of teaching interdisciplinary studies while also offering instruction in multimedia, arts management and exhibition design, and art history, collaborating with faculty ranging from physics to dance, theater, literature and Native American studies. He taught in many academic programs including Space, Time and Form: Common Problems in Art and Science, Collaborative Arts Consortium, and Art and Culture. He established the college exhibition program and served as director of Evergreen Galleries between 1979 and 1989. He also founded and directed the Exhibit Touring Services program. His work was recognized locally, statewide and across the nation. Sid produced *Chicano and Latino Artists in The Pacific Northwest*, a major research, exhibition and publication project. He received the Governor's Writers Award in 1991 in recognition of his contributions as senior editor for 1989's Washington State Centennial project, *Peoples of Washington*.

Sid was born in Detroit, Michigan, in 1924 and lived in Moscow, Russia, between 1931 and 1936. During World War II he was stationed in India. He studied painting at the Wellfleet (Mass.) School of Art, and received his Bachelor of Arts in art education at the University of New Mexico in 1951. He received his master's degree in philosophy at the University of Wisconsin in 1952 and continued his doctoral work in American studies at the University of New Mexico. His 37-year teaching career included instruction at several high schools and colleges. He was a gifted teacher who remained in touch with many devoted former students. Sid documented the full spectrum of his interests and accomplishments, which will be made available to the public as an archive at The Evergreen State College Library. Sid is survived by his wife, Pat Matheny-White, an Evergreen emeritus faculty-librarian, and by other family members.

Please join Sid's family, friends, colleagues and former students on Saturday, August 16, at 1:30 p.m. in Evergreen's Longhouse Center to celebrate his life and many contributions to our community and the world around us.



Sid and other faculty members at the 1970 Evergreen planning retreat.

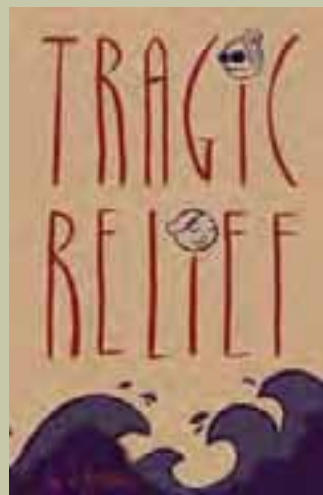


## 2004

**Colleen Frakes**, a member of the first class of The Center for Cartoon Studies in White River Junction, Vt., graduated in 2007. Her graphic novella *Tragic Relief*, available in June 2008, was funded by a comic book self-publishing grant from the Xeric Foundation. She has numerous publication credits, including *Prose and Poetry*, *Sequential Art* and a wide range of self-published works.

**Michele Roldan-Shaw** is living on the coast of South Carolina. She is a freelance writer and an artist/muralist. Resisting the temptation to become a starving artist, she has found that her murals have proven quite lucrative. She is doing what she loves, not working for "The Man," and enjoying life to the fullest.

**Carrie Stephens** is with AmeriCorps VISTA, doing rural outreach for the Girl Scouts of the Sierra Nevada. She previously worked in



development and fundraising at Shakespeare & Company, a theater company in Lenox, Mass.

## 2005

**Cameron Anderson** has returned home to Louisville, Ky., after a 29-year absence to be near family in Kentucky and Virginia. In January 2008, he became a permanent employee at Video Monitoring Service of America's Louisville production office, where he works as a transcriber. He watches and listens to TV and radio ads and show segments, then creates verbatim transcripts from them. He resides in the east end of the Louisville metro area.

## 2007

**Alison Leiman**, MPA, and spouse James moved to El Paso, Texas, in January 2008. Alison works as a grant writer for El Paso County.

**Will Marchand** works as a staff assistant for the Bureau of Indian Affairs Office of Self Governance in Vancouver, Wash.

# In Memoriam

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**Joni Marie Charboneau, MPA '85**, of Tumwater, passed away at home Jan. 6, 2008, after an 11-year journey with breast cancer. Born and raised in Everett, Joni graduated from Everett High School with a music scholarship in voice. She earned her B.A. in education from Western Washington University.

Joni made a career of grass-roots activism, lobbying for the disability community, environmental and women's groups and, later, for breast cancer research. She organized the first breast cancer awareness day at the Washington State Legislature, bringing women from all over the state to Olympia to lobby their respective legislators. Joni organized many teams to walk in the Race for the Cure and collected donations for the Susan G. Komen Breast Cancer Foundation. She also worked on dozens of local, state and national campaigns for politicians.

Joni also loved gardening, decorating, making custom gifts for friends, and cooking. She and her partner Jeff loved to entertain and to travel. She is survived by her sister, Mary Comstock, and many special friends.

**Brianna Colleen Coglón** of Bainbridge Island, a junior at Evergreen, passed away Dec. 14, 2007. She was 21. Brianna discovered her acting talent in middle school, and went on to pursue theater and other arts, including writing, dance, drawing, painting, designing clothes, and sculpture. She was recognized for her Raku masks by the State of Washington; those masks now hang in state offices in Olympia. After high school, she was signed by a Chicago modeling agency, but recognized that her values and passion actually lay in serving others and photography.

Brianna and her best friend and partner Brendan O'Leary attended Evergreen together. She was considering the professions of teaching, nursing and counseling, as well as avocations such as catering, photography, and fashion. Brianna is survived by her parents, Maureen McDonald and Ron Coglón, her younger brother, Ian, her older brothers Andrew and Matthew, his wife Theresa and their son Aidan, and uncle Mike McDonald and his family.

**Carl Cook '76**, of Olympia, died Nov. 6, 2007. A South Sound nature photographer, photojournalist and radio personality, Carl graced the airwaves at KGY-1240 AM radio from 1978 to 1986, hosting the afternoon Brown Bag Dance Party. Born in San Francisco in 1945, he served in the Air Force, moved to Olympia in 1970, and married his wife, Jadine, in 1974.

Carl's true calling was photography, something he first turned to as a boy. He worked as a freelance photographer for *The Olympian* and other news outlets, and especially enjoyed wildlife photography. Always engaged in community causes, Carl volunteered his photographic skills to chronicle the tug boat races at Harbor Days and the restoration of the historic tug boat, Sand Man.

In April 1985, Carl's playful side was on display when he organized "Louie Louie Day" at the state capitol. About 2,500 people came to the capitol steps to sing, dance and declare "Louie Louie" the unofficial state rock-'n-roll song. Along with his wife, Carl is survived by his sons, Jesse and Christopher, and a grandson.

**Maryann Holl '94**, of Tacoma, died Jan. 7, 2008. She was born in Osakis, Minn., graduated from Osakis High School in 1962, and married Alan Holl on Dec. 5, 1963. She earned her degree from Evergreen's Tacoma campus in 1994. Maryann enjoyed riding her Goldwing motorcycle, reading, nature walks, playing her guitar, and spending time with her family. She was compassionate and devoted to early childhood education and many community groups, including the Fibromyalgia Support Group, Treasurer of the Danish Brotherhood Lodge #33, Franciscan Hospice, and many others.

She is survived by her husband Alan Holl, her brother Dennis (Lovie), children Ann (Todd) and Kris, and four grandchildren.

**Mary T. Greene McQuillen '77**, of Port Townsend, died March 21, 2007, at the age of 75. A respected Makah tribal elder, she was born in Neah Bay, and had lived in Port Townsend since 1963. Mary played an integral part in including Port Townsend as a stop in the Inter-Tribal Canoe Journey that takes place every summer. She was a member of First Presbyterian Church in Port Townsend and was an International Toastmistress.

Mary is best remembered by her family as a wonderful mother and historian. She was preceded in death by her husband, Ellis John McQuillen, and one son, Scott. She is survived by sons and daughter-in-law Walter and Sarah McQuillen, and Jeffrey Sean McQuillen; daughters and sons-in-law Terri and Kim McCullough, Trudi Ann McQuillen, and Wendy Jo and Russ Sinclair; brothers Robert Greene and Dat Greene; 13 grandchildren, and six great-grandchildren.

**Daniel Adrian Rhodes '95**, of Olympia, died after a short illness on April 3, 2008. He received a musical arts degree from San Jose State, earning many music medals, and also earned his degree in chemistry at Evergreen.

Daniel was an accomplished singer and pianist who frequently gave private lessons. A member of and frequent soloist with the Masterworks Choral Ensemble, Daniel traveled with this group to Australia when they performed at the Sydney Opera House. Most recently, Daniel worked as a claims adjudicator at the Washington State Department of Labor and Industries in Tumwater. He enjoyed running and participated in many marathons in the local area.

He is survived by his parents, John and Wilma Rhodes; three brothers, Wayne, Mark, and Carl Rhodes; a sister, Skye Rendon; and an uncle, Paul Wilson, as well as many nieces and nephews. He was preceded in death by a brother, John Philip Rhodes.

**Anna Rosenfeld**, a freshman at Evergreen, died on April 15, 2008. She was involved in the Made for Contemplation program (fall term), Writing from Life (winter term) and the Prior Learning from Experience (PLE) program and Creative Writing and Rendering the Figure courses.

**Anne E. (Saur) Turner '77**, of Vancouver, Wash., passed away March 17 after a courageous battle with cancer. A native of Twin Falls, Idaho, and Vancouver resident since 1971, Anne worked for The Evergreen State College Vancouver from 1977 to 1989. In 1990, she became the director of the Volunteer Center at the Human Services Council, where she was employed until her death. In 1989, Anne wrote a play for the State of Washington Centennial that was produced by Clark College, and also enjoyed writing children's stories. In 2000, she was honored to be named one of Clark County's Women of Achievement. She is survived by her loving husband, Bud Turner, her daughters and sons (in-law), Jennifer, Henry, Anje and Tim; four grandchildren; exchange students Luisa and Claudia Gutierrez of Hermosillo, Mexico, and their families; her stepmother, Barbara Saur and stepsister, Nancy Peterson; and many other family members and friends.



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## Rita Pougiales '72

**Occupation:** Academic dean and faculty member, anthropology and education

**Mode of transportation:** Scooter

**Book:** Martha Nussbaum's *The Fragility of Goodness*

**Accomplishment:** Keeping up with Jan Sharkey, the faculty hiring coordinator, on Mount Rainier.

**Word:** Philia

**Saying:** "Community is what friendship achieves."  
Hannah Arendt

**Movie:** *Before Night Falls*

**Recent adventure:** Getting back into photography and learning how to use Photoshop.

**When I'm not teaching, I:** love making up recipes, cooking them up and eating with friends and family.

**Favorite thing about Evergreen:** To work at a college where many members are driven by deep curiosity and desire to learn, an ethic of goodness, and fidelity to one another.



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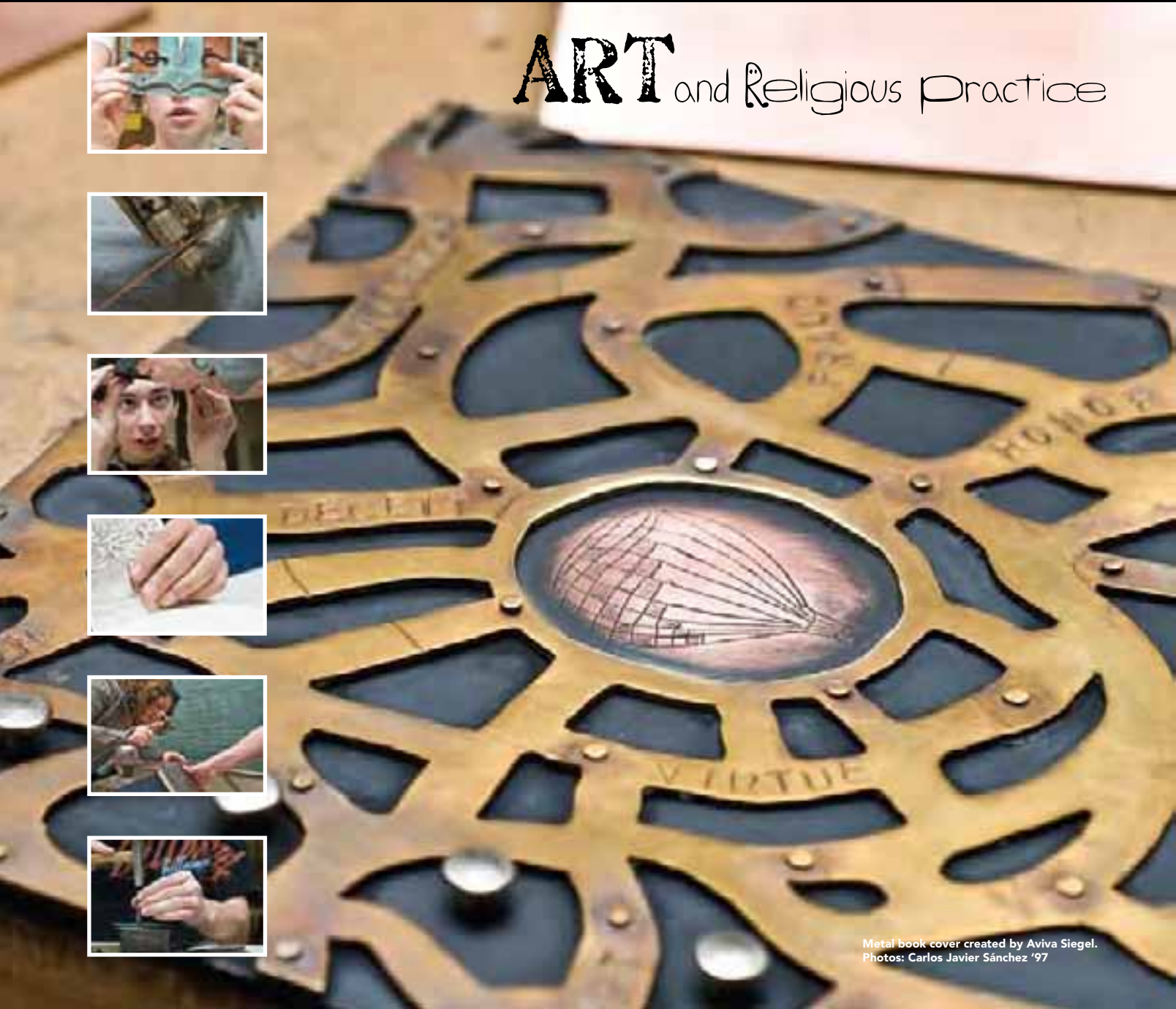


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Traditionally, art and craft has been used to sanctify religious ritual. In Art and Religious Practice, taught by Jean Mandenberg and Lisa Sweet in the 2007-08 fall and winter quarters, freshmen examined how to better understand religion by studying and creating images and objects that reflect sacred rituals.

Based in two visual art studios—printmaking and fine metalworking—the program called for students to work back and forth between 2-D and 3-D, between image making and object making, to learn basic design, studio skills and art history. They each produced an edition of 30 prints, exchanged them among themselves, and bound them into codices. Using a variety of metal techniques, they then crafted gorgeous covers and attached them to the codices for a complete book reflecting what they learned.

## ART and Religious Practice



Metal book cover created by Aviva Siegel.  
Photos: Carlos Javier Sánchez '97