Darlene Miller, CELT Lab Coordinator, wears many hats. Her Native American heritage (both Delaware and Chippewa) allows her dual citizenship from both the United States and Canada. Her educational background includes an AFA in Painting from the Institute of American Indian Art in Santa Fe, New Mexico, a BFA in Computer Art and Fine Art Painting from IPFW, and a Master’s in Computer Art/3D Animation from The Savannah College of Art Design, School of Film and Digital Media, in Savannah, Georgia. She taught Computer Art and Design classes in the Visual Communications and Design Department at IPFW as well as Color Theory for the Interior Design Program. She has been working as CELT’s Instructional Technologist since 2000 and recently added Lab Coordinator to her title. (A full profile of Darlene and other CELT staff members is available on the website at www.ipfw.edu/celt.)

Her duties include, but are not limited to, conducting workshops, leading training and instructional sessions for individual faculty members, and generally designing any instruction to “suit” faculty needs. She uses a variety of specialized hardware and software, does one-on-one problem solving using multi-media machines and also fields many online questions she calls HDI’s (“How do I . . .?”). She can create tutorials for faculty via email and assist them with audio and video editing of their own work.

She provides services for faculty that aren’t necessarily being covered by other services on campus. For example, many faculty are busy and cannot devote an entire afternoon to a workshop. (Continued on page 2)

Summer Grant Winners Announced

The CELT Board has awarded four faculty instructional development grants from a pool of 18 applications. Michael Bosela will develop “Multi-Use” Plant Ecology Lab Exercises for the Biology faculty to use at different course levels. His work will help strengthen the department’s offerings in plant biology and lay the foundation for general education courses in plant ecology. Suining Ding’s project will help students take a cross-cultural look at architectural design while filling a need in the new BS Interior Design program of the department of Civil and Architectural Engineering Technology. Dina Mansour-Cole will be developing a plan for using e-portfolio software to capture culminating projects in upper level OLS courses. Mark Masters will introduce the physics of motion to general education and physics majors via computer graphics and animation, building on the prior success of this strategy in teaching the physics of light.

All recipients will publicly present the results of their work during academic year 2005-06. Please feel free to contact the winners or CELT for more information about their projects. Congratulations to all!

From Syllabus to Assessments

May 12 & 13 or June 13 & 14

See page 4...
They also may not have the experience to tackle some of the high-end software in a workshop atmosphere where participants have varying technological skills. If that’s the case, Darlene can tailor individual sessions to meet the diverse needs of the faculty.

Darlene can retrieve and test software, such as multimedia presentation software, recommend them to faculty and even find free software for faculty and send it to them electronically. She also does a great deal of research to “keep up to date” on the newest and best software available. Faculty members typically come into the lab with a sense of their goals and she finds the right software or program for them.

The CELT multimedia lab is available to all IPFW faculty members and staff. Individuals from CASA and Human Resources, (as well as a few students) have asked Darlene for assistance. The lab uses specialized machines utilizing multimedia applications, such as: 3D Studio Max, a 3D Animation software; Combustion, a Video compositing software; and Premiere Pro, a video editing software. Other audio software includes Adobe Audition and Sound Forge. With this high-end software she can assist faculty with a variety of projects. For example, Darlene is just ending a series of six workshops using Microsoft Producer that can be used in WebCT and she is currently assisting an IPFW engineer with enhancing his AutoCAD drawings using a Vector-based graphic design program called Freehand. It allows him to enhance drawings and convert them into higher quality images to be used for handouts and book-quality reproductions.

Another faculty member, Josué Njock Libii, Associate Professor in Engineering, is using Photo Shop and Premiere Pro to archive 40 of his own videos to create a database for use in his teaching. He is selectively taking individual still images and organizing them into separate files he can access on CDs that will illustrate analytical results being discussed in class. Josué is converting videotapes of selected lab experiments from his Fluid Mechanics courses into digital form and then identifying and extracting a series of frames he wants his student to focus on. He then rearranges those frames back into shorter movies that are played at appropriately low speeds to highlight features of fluid flows that are being studied. Darlene has helped him begin this project, but now he is able to come into the lab, work at his own pace, and decide which images he wants to preserve as part of his lecture material.

The CELT lab is also working with the Division of Continuing Studies to produce a CD-ROM aimed at providing information resources for distance students who may not have easy access to the Internet.

The CELT Lab summer hours are 8:30 a.m. to 5:00 p.m. daily. Walk-ins are welcome; however, contacting Darlene directly and making an appointment to either see her or reserve the equipment is recommended. Sam Birk, CELT’s Instructional Designer, also assists faculty with course design and technology integration, as well as providing support to faculty working in the lab.

Darlene’s extensive background in computer animation and arts also allows her to create her own animated work in the lab, in addition to her duties as the coordinator. She admits that to be experienced with the equipment and technology, it’s “all about learning the software and the materials” in order to be effective at using it. She adds, “You have to work in it to know it.” And know it, she does. Regardless of the title or instructional hat she happens to wear on a given day, Darlene welcomes the opportunity to share her expertise with any interested IPFW faculty member or staff. Stop by or call Darlene in the CELT Lab (KT 234) at 481-6309 with your questions or email her at millerdj@ipfw.edu.

On a related note, earlier this spring, Dr. Vincent Maloney (Chemistry) contacted CELT with a special project - conducting a candidate interview using technology. The chemistry department was interviewing perspective new faculty members and one of their candidates, currently teaching in Versailles, France, was unable to travel because of her pregnancy. The challenge was to leverage the available technologies on both sides of the Atlantic so a viable interview could be conducted.

Using Macromedia Breeze, an Internet-conferencing software that supports video, Power Point presentations, two-way voice-over IP, and a host of other desktop to desktop interactions, the faculty were able to effortlessly connect with and interview their candidate. (Continued on page 4)
CELT Announces Developer Fellow

CELT has named Dr. Raymond Gildner, associate faculty in Geosciences, as its first Developer Fellow. Ray proposed to develop SCORM (Sharable Content Object Reference Model) Objects that IPFW faculty could adapt to make any web content into an assessment. The project grew out of Ray’s need to be able to engage his online students in mineral identification labs to an extent similar to the hands-on experience of the labs. Dr. Gildner’s fellowship is partially supported by the Distance Education program.

The Developer Fellow is a new CELT program. Its purpose is to provide faculty the opportunity to serve the institution, engage in scholarship of teaching and learning activities, and grow professionally. Prospective fellows submit a proposal to CELT describing a project that will produce materials or tools colleagues can use in their teaching, or professional development. From time to time CELT may publish a list of projects, but applicants may propose their own topics. The Developer Fellow should be prepared to develop, test, and disseminate his or her materials, and to work closely with CELT staff, the CELT Board, and others. The Developer Fellow commits to a time frame necessary to complete the project and will receive a small stipend to be used for professional development. Any faculty member who has been with IPFW for two years may apply. For more information, please contact Gail Rathbun at x16504.

Visit our webpage www.ipfw.edu/celt

e-Instructors Complete their First Semester

Ten faculty members used e-Instruction, a classroom response system, during the Spring 2005 semester to solicit student feedback, engage students in active learning, and give in-classroom quizzes in large, lecture-style classes. Jonathan Dalby, Lucille Hess, and Sharon Egly, of Audiology and Speech Sciences, Pat Ashton of Sociology, Ron Duchovic, Vince Maloney, and James Elliott of Chemistry, Christopher Crowe of Geology, Donetta Cooper of Communication, and Jim Haddock of Biology all used the new e-Instruction radio frequency systems. CELT coordinated training and support with LRC and ITS to make the first semester as smooth as possible. Please contact these instructors to learn more about their experience with the system.

Purdue is the first university in the country to implement a system-wide license for using audience response pads in the classroom. (Purdue is featured on the e-Instruction home page at http://www.einstruction.com). IPFW is sharing the cost of the site license for the use of e-Instruction in selected classrooms. Students do not pay a subscription fee, but buy one hand-held device to use in all their classes for about $15. The systems can be checked out from the LRC. If you would like to know more about the classroom response system, call CELT at x16354 and ask for Sam Birk or call Mandi Witkovsky at x10722. CELT will offer training on e-Instruction early in the Fall 2005 semester.

From the Director...

In March and April, CELT was especially busy helping faculty and departments take advantage of a variety of technologies for teaching and administration. The Instructional Multimedia Workshop series will “graduate” a cohort of faculty and staff who have attended the six workshops and received individual consultations given by CELT Instructional Technologist Darlene Miller.

CELT, Distance Education, and LRC also started collaborative work on developing an orientation disk for first-time distance education students using a variety of media, including streamed video.

On April 1, CELT helped produce the first Faculty Online Tips ‘n Tactics live video streamed webcast in which Continuing Lecturer Worth Weller presented the use of weblogs in his Honors English W140 class. If you missed the program you can view it on the web at http://www.ipfw.edu/celt/onlineclassroom.htm. Working with Distance Education, CELT plans to offer more programs as webcasts in the future as part of moving faculty development to the desktop.

Another exciting experiment, this time in web-based video conferencing, took place on April 7 when CELT was able to arrange, through a pilot program with Purdue, an interview with a chemistry candidate in France.

Sam Birk and Ray Gildner continue their leading edge work in creating user-friendly interactive quizzes and study guides (aka SCORM objects) for use in online courses, involving faculty and students in the development process.

And finally, faculty will welcome the change in the login and desktop being planned by CELT, LRC, ITS for the installed technology classrooms and the floating computers. Faculty will be able to use their own logins, and the most frequently used plug-ins, such as QuickTime™, will be available on all machines. The LRC web page will be available for easy reference and help.

Please drop in during the summer to work in the lab, browse the CELT library, or to ask questions about course design and delivery. Don’t forget to visit the web site for useful teaching resources and information about CELT programs.
A Voyage Through VISTA: From Syllabus to Assessments

May 12 & 13, OR June 13 & 14
9:30 a.m.-3:30 p.m.
in NF B88

Whether you want to simply give students access to your syllabus and grades online, leverage the resources of the Web to support your face-to-face class, or are teaching a distance education class, this 2-day, hands-on workshop will introduce you to WebCT Vista and walk you through how this powerful course management system can support your instructional goals. During these 2 days you will explore:

♦ the Vista environment
♦ the basic and intermediate tools that are available
♦ how these tools can support instruction
♦ developing a personal strategy for using Vista in one of your courses

Throughout the workshop you will be working with one of your courses and at the conclusion of the 2 days you will walk away with the basic structure of the course.

Space is limited. Registration is required. Please register online at www.ipfw.edu/celt. For more information on the workshop, contact Stephanie Haneline at hanelins@ipfw.edu.

Meet the CELT Staff

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Interviewing Overseas...Cont.

Like most faculty interviews, this one lasted for nearly six hours and included a series of one-on-one audio/video discussions, a seminar presentation by the candidate and a virtual tour of the IPFW campus and our chemistry department.

Dr. Maloney, chair of the organic chemistry search committee, was pleased with the outcome: “It allowed us to conduct an interview in another way. We accomplished nearly everything we would have done in an onsite interview, and [Breeze] was easy to use.”

Maloney is thinking about ways to use this tool for research collaborations. Macromedia Breeze is currently being piloted by Purdue, West Lafayette and IPFW is researching the feasibility of making this tool available for use in administration and to support teaching. For more information, contact Sam Birk at CELT.

New CELT Board Members Elected

At its April meeting the CELT Board chose Jeannie DiClementi, Assistant Professor of Psychology; Michael Bendele, Continuing Lecturer of Psychology; and Worth Weller, Continuing Lecturer of English and Linguistics to fill the slots vacated by Pat Ashton, Sociology, Rachelle Darabi, CASA, and Yvonne Zubovic, Math. The continuing Board members thank their outgoing colleagues for their dedication to supporting teaching excellence at IPFW, and look forward to working with new Board members as CELT plans the Fall teaching conference, Creating Community in the Classroom, to take place August 18th.

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Events Calendar

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