

**MENDOCINO-LAKE COMMUNITY COLLEGE DISTRICT  
MINUTES OF THE MEETING OF THE BOARD OF TRUSTEES**

A regular meeting of the Mendocino-Lake Community College District Board of Trustees was convened on Wednesday, October 1, 2014, Mendocino College, 1000 Hensley Creek Road, Ukiah, California.

**GENERAL MATTERS**

*Call To Order*            Trustee Clark, Board President, called the meeting to order at 5:01PM.

<i>Board Members</i>	President	Joel Clark	present
	Vice President	John Tomkins	present
	Clerk	Edward Haynes	present
	Trustee	Paul Ubelhart	present
	Trustee	Joan M. Eriksen	present
	Trustee	Janet Chaniot	present
	Trustee	Dave Geck	present
	Student Trustee	Nayeli Castaneda	present

*Secretary*                Arturo Reyes, Superintendent/President

*Support Staff*            Mary Lamb, Executive Assistant II to Superintendent/President

*Staff*                        Virginia Guleff, Vice President of Education & Student Services (absent)  
*Representatives*        Eileen Cichocki, Vice President of Administrative Services (present)

<i>Constituent Representatives</i>	Academic Senate	Classified Senate	Reid Edelman, President (present)
	Management/Supervisory/Confidential		Erik Alfin, President (present)
			Minerva Flores, President (absent)

*Public Comments*        The following people addressed the Board in support of retaining ownership of the Point Arena Field Station property:

- Steve Cardimona is an Earth Science instructor at Mendocino College. A copy of his comments is included at the end of this document.
- Wade Koeninger offered his congratulations to the new student trustee. A copy of his comments is included at the end of this document.
- Julie Bawcom presented a copy of the National Stem report as well as a handout from the National Science Foundation. She also included a new copy of the PAFS supporters list. These documents are included as attachments at the end of this document.
- Eileen Wicks has been a resident of the area for 40 years. She asked the Board to give the Friends group time to bring a plan to the board (preferably five years) and to resist the pressure to sell.
- Linda Coursey compared what is currently taking place at Mendocino College with something that took place fifteen years ago at Ukiah Unified School District with sixty-three acres in Redwood Valley. In the

end, that sale was delayed and the property has now become an outdoor education classroom used by hundreds of students. This is an example of how rushing into a sale is not always what is best for the students.

- Melissa Reynolds is a student at Mendocino College. She feels the STEM program has opened the eyes of many students and not selling the facility is important for students in the future.
- Andres Lozano is a student who visited the site as part of a MESA group. He stated it was a great experience that he won't forget. Future students would benefit from the property.
- Jonathan Mendez is a student at Mendocino College. He is currently in MESA where he was introduced to the PAFS which was an inspirational experience.
- Emily Scott is a student at Mendocino College who transferred from College of the Redwoods. She thanked the board for everything that has been done to support student success. She feels the facility sets Mendocino College apart from other community college and offers unique opportunities to partner with marine research.
- Jackie Lodge asked what the college plans to spend the money on instead of this facility.
- Jeremy Potter is a student at Mendocino College who plans to transfer next fall in pursuit of a degree in environmental engineering. He feels it is an important asset to keep and is surprised the property is not being used for more opportunities.
- Paige Poulos thanked President Reyes and the Board members for the attention they have given to this matter. She feels the property will continue to increase in value and is fine and rare. She stated the Friends of the Point Arena Field Station are willing to raise funds but added they will make everyone's life miserable if the sale does occur. She warned Board members to think again if they are in favor of the sale.

*Agenda Approval* M/S/C (Geck/Tomkins.) to approve the presented agenda. The matter was approved 7-0.

*Minutes/Approval* M/S/C (Tomkins/Chaniot) To approve the minutes of the regular meeting and the two special meetings held on September 10, 2014 as presented. The minutes were approved with a 7-0 vote.

### **OATH OF OFFICE**

The oath of office was administered to the new Student Trustee Nayeli Castaneda by Board President Clark. This same pledge is taken by every Board member. The Board looks to the student trustee as a voice for the many students on campus.

### **PRESIDENT'S REPORT**

A written report was submitted by Superintendent/President Reyes. The following was offered in addition:

- The site visit to the North County Center by the ACCJC was completed recently and we have now received a letter which indicates the substantive change report for that location has been accepted. Congratulations go out to everyone who participated in the visit.
- When asked about the new men's soccer and women's golf programs regarding how many FTES are being generated by these students, President Reyes responded by stating there are 30 soccer players currently taking a full-time load. These programs were created as a result of a need expressed in the college community.
- Superintendent/President Reyes informed the Board of the possibility of establishing a training facility in our region. Police Chief Dewey has asked about the possibility of having it located on our campus. The current plan is in distant future which is something we didn't hear originally. This is a long term project which is still in the concept stage and if it materializes, we want to be part of the conversation.
- Trustee Chaniot expressed her surprise that no one from the constituency group leaders mentioned the Point Arena Field Station issue during their recent meeting. Superintendent/President Reyes responded by stating two of the three members of the group are also on the ad-hoc committee and most likely already know more about the issue than the he does. He also pointed out the committee was created to have the broader across the board discussions which is much more than just Point Arena.

**CONSENT AGENDA**

M/S/C (Haynes/Ubelhardt) RESOLVED, That the Mendocino-Lake Community College District Board of Trustees does hereby approve the Consent Agenda as presented. The matter was approved 8-0.

Items with an asterisk \* were approved by one motion as the Consent Agenda.

**Personnel**

*Employment –  
Short-Term  
Employees*

\*RESOLVED, That the Mendocino-Lake Community College District Board of Trustees does hereby ratify the employment of the short-term employees as submitted and presented at the meeting.

*Volunteers*

\*RESOLVED, That the Mendocino-Lake Community College District Board of Trustees does hereby approve the list of Volunteers as submitted and presented at the meeting.

**Other Items**

*Fiscal Report as of  
August 31, 2014*

\*RESOLVED, That the Mendocino-Lake Community College District Board of Trustees does hereby accept the fiscal report as submitted.

**ACTION ITEMS**

*Contracts and  
Agreements –*

Discussion regarding the quarterly ratification of the contracts and agreements presented ensued. Superintendent/President Reyes reminded the Board they will

*Quarterly  
Ratification*

be granting the Vice President of Administrative Services permission to enter into these agreements.

Questions were asked by different Board members regarding specific contracts which were then explained in more detail by the Vice President of Administrative Services.

M/S/C (Haynes/Geck) RESOLVED, That the Mendocino-Lake Community College District Board of Trustees does hereby ratify the list of contracts and agreements as submitted and presented at the meeting. The matter was approved 8-0.

**INFORMATIONAL REPORTS**

*Education and  
Student Services  
Report*

A written report was submitted by Virginia Guleff, Vice President of Education and Student Services. The following was offered in addition:

- Work is moving forward on the follow up report to the ACCJC. Superintendent/President Reyes remarked that we now have processes in place to help facilitate completion of the report. He added this additional workload is significant and will take a lot of Vice President Guleff's time and effort to complete.
- When asked about the student equity plan, Dean Kouanchao informed the board that it is an annual plan which is now focusing on a small group and will be expanding to campus at large.

*Administrative  
Services Report*

A written report was submitted by Eileen Cichocki, Vice President of Administrative Services. The following was offered in addition:

- We are continuing to work toward a December 1<sup>st</sup> go live date for the new website. Director Christopherson will be making a presentation to the Board after it is up and running. Vice President Cichocki also commended Erik Alfkin and others in the IT department and thanked them for all their hard work.

*Mendocino  
College  
Foundation, Inc.*

A written report was submitted by Katie Fairbairn, Executive Director of the Mendocino College Foundation, Inc.

- Trustee Eriksen asked if there are a list of dates and times for the upcoming tours and would like the telephone number of the person to contact if someone is interested.
- Board President Clark asked that the Foundation report include news about the Lake County and North County Friends affiliates as well.

*Constituents  
Group Reports*

A written report was submitted by the Academic Senate President Reid Edelman. The following was offered in addition:

- Academic Senate President Edelman asked the Board to review his report and not rush into a sale of the Point Arena property. He feels there may be new possibilities and hopes to come up with a solution which will make everyone happy.

- A draft of the Administrative Procedure for establishing minimum qualifications will be presented to President's Policy Advisory Committee tomorrow.
- There will also be a faculty meeting discussion tomorrow with Dean Polak regarding the Fort Bragg location.

The following oral reports were presented at the meeting:

Classified:

Classified Senate President Erik Alfin stated he had nothing to report.

*Health Benefits*

The Health Benefits Report is presented as information only.

*Big Picture*

**MENDOCINO COLLEGE FOUNDATION UPDATE**

Mendocino College Foundation President Richard Cooper updated the Board regarding the Foundation adding he is also member of the Citizen's Bond Oversight Committee.

The Gala was a huge financial success with the addition of a professional auctioneer helping to more than double the largest total generated by the event previously. During the event, the Foundation was able to collect over \$30,000 for the fund-a-need demonstration vineyard. Thanks to the hard work of the staff, we were able to obtain sponsorships which covered the major expenses for the event. While it will be about another month before the final numbers, he's sure we can say it was the most successful Gala ever. Many thanks go to American AgCredit, Mendocino Wine and KWNE who helped to elevate the stature of the event. He also thanked the Board members for their attendance at the event.

Campus tours will be offered again beginning in a couple of weeks. The tours have been a great addition and generate a lot of interest in the college and its success. The tours culminate in the culinary arts classes where tour participants have an opportunity to talk with students.

A wonderful opportunity for board member professional development occurred recently when Kate Sprinkel Grace came to Mendocino College and presented a workshop which focused on fundraising. Kate is very well known for her work in this area having worked with institutions such as Stanford in the past. She came to Mendocino College for the first time a few years ago and was very pleased to see the progress which has been made in this area.

Several upcoming Foundation events include the October 7<sup>th</sup> Foundation Board meeting and the Willits Chamber of Commerce mixer which will be held on October 16<sup>th</sup> with both events being held at the North County Center. The Ukiah campus will be hosting a mixer for the Greater Ukiah Chamber of Commerce on

November 6<sup>th</sup>.

As part of the ongoing support from the Foundation, funds have been made available to the current year graduates of the nursing program which enables them to complete the required state testing immediately upon their graduation. 100% of the 2014 graduating class passed this testing on their first attempt which is quite amazing since the statewide average is 86%. An ad will be appearing in the newspaper soon thanking the supporters of this wonderful program.

Lake County Friends of Mendocino College is working hard to help build public awareness for the organization. They are continuing to garner donations for many things including the chemistry lab at the Lake Center.

Board President Clark commented about scholarship program in place through the Foundation. He stated how wonderful it is to see the results of the hard work and dedication of so many people during the scholarship award ceremony at the end of the year.

Board members then commented on the work of the Foundation and expressed their appreciation to Foundation President Cooper. Included in their comments were remarks about the fabulous Gala and what a wonderful event it was.

### **TRUSTEE COMMUNICATION**

#### *Trustee Reports*

A written report was submitted by Trustee Chaniot. The following was offered in addition:

- Shared Chancellor Harris' report about students making informed decisions.
- If elected, she is in line to become the next President of CCCT.
- She has proposed creating a task force to work with the Foundation and the Friends of the Point Arena Field Station regarding issues surrounding the field station. Steve Cardimona and Jason Edington have volunteered to participate on the committee as the faculty representatives.

#### **Oral report by Trustee Tomkins:**

- Enjoyed attending the Gala and what a wonderful event it was.

#### **Oral report by Trustee Eriksen:**

- Attended the Strategic Planning Workshop which was very interesting with marvelous table discussions
- Attended the Foundation workshop and Gala
- AAUW scholarship kick-off dinner where the scholarship recipient spoke
- Attended the Historical Society meeting held in the city council chambers which was conducted by Dr. Poulos.

**Oral report by Trustee Ubelhart:**

- He was interviewed for the newspaper by a new local reporter. Dean Polak was included in the interview as well. He has a copy of the article if anyone would like to read it.

**Oral report by Trustee Clark:**

- Reminded Board members if they are interested in running for office for next year, they need to submit a letter to the Superintendent/President by the November meeting. Voting will take place at the December meeting.

**Oral report by Trustee Haynes:**

- Board of Trustees Ad-Hoc committee have held their last constituent group interviews. Very interesting meeting with people from the coast, Point Arena Lighthouse, Native American representative and the National Monument. This was one of the best meetings the committee has experienced. Committee plans to meet on October 14<sup>th</sup> to pull together the final report for the presentation on October 15<sup>th</sup>. There is a lot of information and he would highly recommend reviewing the minutes which are posted online. A link will be sent to the Board members to these minutes.
- Regarding the report shared by Trustee Chaniot from Chancellor Harris about saddling our students with lifelong debt - financial aid is a big deal. Some sort of financial literacy workshop should be required prior to obtaining their first loan.

**Oral report by Trustee Geck:**

- Would like to hear a more about the new student trustee.

**Oral report by Trustee Castaneda**

- ASMC is holding a fundraiser to raise monies for a scholarship award.
- Shared information about herself stating she previously attended College of Marin and is current working on completing the pre-requisites necessary for enrolling in the Nursing program.

**CLOSED SESSION**

The Board Adjourned to Closed Session at 7:21 PM. Board President Clark announced that items 9.2 Conference with Legal Counsel and 9.4 Public Employee Performance Evaluation will be discussed.

*Adjournment*

The Board returned to open session at 8:05 PM where the following actions were taken:

Board President Clark reported no action was taken on the items discussed in closed session.

M/S/C (Geck/Tomkins) RESOLVED, That the Mendocino-Lake Community

College District Board of Trustees does hereby adjourn the meeting at 8:06 PM.

Submitted by:

Arturo Reyes, Superintendent/President

Secretary, Board of Trustees



My name is Steve Cardimona. I am the Earth Science Instructor here at Mendocino College.

This past May, the college community became aware of prior closed-door dealings regarding the sale of our unique Point Arena Field Station. The administration recognized the need for input from constituent parties, as the "plan" that was presented did not sit well with so many who came out to speak.

Believing that a decision about something so important should not be made by just a few members of the college organization, I and others pushed strongly for having all college constituents offer their input via an authentic shared governance process. As long as the faculty and staff of the college were taken seriously in their input, I felt a fair decision could be made regarding the ultimate fate of the college field station.

Additionally, I was heartened by the knowledge in mid-summer of the outpouring of concern and interest from the community that we serve. Coming back from my summer vacation, I met some of the people who had formed the Friends of the Point Arena Field Station at the first public forum on the subject in July. Although I was disappointed in, and embarrassed by, the cool reception the administration gave these members of the community, I still came out of that meeting feeling that the college could only make a choice that was going to be well documented and justified.

After the experience of our recent accreditation visit, I have the expectation that our administrators should be sensitive to a process gone wrong ... a system that has failed. I also believe that the Trustees on our board, who are representatives of the college and of the community, must feel strongly that they should listen to their constituents.

Now, after months of time and effort on the part of all involved, this work related to the Ad Hoc committee looking into options is coming to a close. The following key points should be adequately addressed in the final report to be reviewed by the full Board:

- The majority of faculty have argued in favor of not selling at this time, and many faculty plan to write curriculum to use the facility in their disciplines;
- The majority of community members who have contacted the Trustees have spoken out in favor of delaying the sale;
- These groups are only asking for time;
- We have had 30+ years of relatively little maintenance budget spent and no requirement for that to change while faculty and friends seek alternate answers;
- We have had 30+ years without liability concerns regarding the onsite caretaker and no expectation for that to change as we look to the future;
- We have had 30+ years of safe use by faculty, students and external organizations and we have the expectation that use will only increase over time if we don't sell, increasing students served as well as drawing rental income from external groups;
- We have managed the site for 30+ years, offering ecosystem protection and good environmental stewardship, and the college is best suited to continue this into the future;
- We have every expectation that there will be like-minded, environmentally sensitive organizations that would be ready to take over the property in the future should the sale be a matter of last resort.

All these points bring us to an important question that needs to be answered: What are the drawbacks to delaying the sale, and instead giving the faculty, the Friends, and perhaps the Foundation, reasonable time to secure a future for the Mendocino College Point Arena Field Station?

Chair Clark,

My brief remarks will point out another, more important, reason why it is imperative to delay the sale of the Pt. Arena Field Station. I believe you trustees and the administration have concentrated your efforts on the short term financial matters, without looking into other important aspects of the controversy.

The discussions about the future of the field station have revealed, for those who will open their eyes, a most crucial aspect in the life of the college, i.e. the human relationships that are in place between the parties involved in the controversy. The parties include each of you members of the MC board of trustees; you, President Reyes; the members of the MC Foundation; the employees of Mendocino College; the business interests; and the electorate of the college district, including the Friends and their supporters. The financial issues have closed your eyes to what is happening in the minds and hearts of many of those caught up in the bitterness of the matter. Together we should earnestly consider the current and future human relationships, and how they are affecting, and will affect, the Mission of the college and the student body.

Key question: Have each of you board members and you, S/P Reyes, explored in depth why members of the Foundation, a majority of the Academic Senate, and an increasing number of the district's electorate are calling for a delay in the proposed sale of the station? In your deliberations have you considered the morale of the employees of the college, the current and future good will of the business interests and citizens who supported the college's Mission via Measure W? I submit that, considering their long term prospects, those seemingly ignored human relationships are likely more important factors in the future life of the college than the future of the field station.

One needs to reflect also on why "Community" comes before "College" in the name of this institution of learning. In the interest of a healthy and vibrant cooperation between "Gown and Town", please delay selling the field station to allow all options, both short and long term, to be explored.

Wade Koeninger

The National Science Foundation; Community College Project gets students on the STEM Path

It began one day when a colleague of Finger Lakes Community College in N.Y. asked the Biology Professor: a biology question and he thought, "It was an opportunity to conduct research that his students and indeed most community college students at the time, rarely if ever had."

"I could see what it was doing to the students", Hewlett says. "It was transforming their learning experience. I said to myself: We need to expand on this".

This resulted in a pilot project that incorporated scientific research into the undergraduate program. In recent years, however, it has morphed into a nationwide network of community college programs supported by the National Science Foundation (NSF) that currently involves 32 schools soon to be 37 all committed to bringing undergraduate research into their science curricula.

"Community colleges typically do a lot of training for specific jobs, like nursing or auto mechanic technician or music recording technicians, and all of these programs are taught by having students do their craft", Hewlett says. "Yet until recently, when we got students who said they wanted to become scientists, we didn't treat them the same way as we did other professions, by actually letting them do science. That wasn't fair."

The success of the Finger Lakes initiative, first funded by NSF as a single program in 2005, inspired Hewlett to think bigger. "I was curious to see whether what we have done here could work at other schools" he says. "The program continues here, but our main thrust now is helping other schools design similar programs."

NSF is providing nearly \$4 million over four years, beginning with the first grants in 2011, for the program, known as the Community College Undergraduate Research Initiative (CCURI).

CCURI "is the first large scale effort working to integrate undergraduate research at community colleges, institutions that serve as the entryway into higher education for many students, particularly first generation college students, and students underrepresented in STEM (science, technology, engineering and mathematics) disciplines," says V. Celeste Carter, program director in NSF's division of undergraduate education. "The project is responsive to findings that an early undergraduate research experience supports student retention in STEM disciplines. These early undergraduate research experiences may be the lever that keeps students on the pathway to a STEM degree.

One instructor Van Niel describes the field research component of his class as "a highlight for my students and me," adding: We read journal articles, design protocols, gather data and collaborate with professionals in the field. CCURI provided me with the

7  
/

support I needed for professional development to actually work with bear researchers while developing this course, as well as the purchase of gear such as telemetry equipment and camera traps needed to do our work.

"They did it outside the classroom, and became totally engaged in the science (in their case genetics)", Hewlett says, "So much so that other instructors were asking me: what have you done to these students, they are so into it? There has to be a way to involve other students. That was the start of it, and we just had to go down that road".

Our science staff has developed such a program based on our very fine and rare field station in Point Arena.

You as a board have a duty to the 5,000 students at Mendocino College as well as future students to keep science based excellent curriculum.

- \* Your community sees this to be true
  - \* Your faculty sees this to be true
  - \* Many former college board members sees this to be true
- Open your eyes and forget about short term monetary gain,

**DO WHAT IS RIGHT FOR THE STUDENTS,**

It is your duty to do what is right. Keep the Point Arena Field Station.



National Science Foundation  
WHERE DISCOVERIES BEGIN

Discovery

## COMMUNITY COLLEGE PROJECT GETS STUDENTS ON THE STEM PATH

Undergraduates get involved in research activities as part of teaching mission



Professor James Hewlett holds a black bear cub as part of a study at Finger Lakes Community College.

[Credit and Larger Version](#)



Lillian Asevedo and James Hewitt record an anchor as part of a research project with students.

[Credit and Larger Version](#)



James Hewlett holds a red-tailed hawk.

[Credit and Larger Version](#)

September 24, 2014

One day in 2001, a colleague from the conservation program at Finger Lakes Community College stopped biology professor James Hewlett in the hall with a question: "Do you know whether you can tell the sex of a red tailed hawk from a blood sample?"

Hewlett didn't know, but decided to put several of his students on it.

It was an opportunity to conduct research that his students, and indeed most community college students at the time, rarely if ever had.

"I could see what it was doing to the students," Hewlett says, "It was transforming their learning experience. I said to myself: 'we need to expand on this.'"

The result, initially, was a pilot project that incorporated scientific research into the undergraduate program at Finger Lakes, located in Canandaigua, N.Y. In recent years, however, it has morphed into a nationwide network of community college programs supported by the National Science Foundation (NSF) that currently involves 32 schools—soon to be 37—all committed to bringing undergraduate research into their science curricula.

"Community colleges typically do a lot of training for specific jobs, like nursing or auto mechanic technician or music recording technicians, and all of these programs are taught by having students do their craft," Hewlett says. "Yet, until recently, when we got students who said they wanted to become scientists, we didn't treat them the same way as we did other professions, by actually letting them do science. That wasn't fair."

The success of the Finger Lakes initiative, first funded by NSF as a single program in 2005, inspired Hewlett to think bigger. "I was curious to see whether what we have done here could work at other schools," he says. "The program continues here, but our main thrust now is helping other schools design similar programs."

NSF is providing nearly \$4 million over four years, beginning with the first grants in 2011, for the program, known as the Community College Undergraduate Research Initiative (CCURI). In addition to Hewlett, who is

the principal investigator, there are four additional co-principal investigators, who include John Van Niel, professor of environmental conservation at Finger Lakes; Virginia Balke, professor of biotechnology at Delaware Technical Community College; James Jacob, professor of biology at Tompkins Cortland Community College; and Jacqueline Crisman, associate professor of biology at Jamestown Community College.

CCURI is the first large scale effort working to integrate undergraduate research at community colleges, institutions that serve as the entryway into higher education for many students, particularly first generation college students and students underrepresented in STEM (science, technology, engineering and mathematics) disciplines," says V. Celeste Carter, program director in NSF's division of undergraduate education. "The project is responsive to findings that an early undergraduate research experience supports student retention in STEM disciplines. These early undergraduate research experiences may be the lever that keeps students on the pathway to a STEM degree.

"CCURI also represents a recognition by the partner community colleges that research is teaching, and this is a shift for many community colleges who have not seen research fitting into their predominantly teaching mission," Carter adds.

Indeed, it has been transformative for Laurie Raeman, 51, who started college two years ago after a long career as a hair stylist, and who now seeks a career in conservation. She expects to receive her degree in December.

Her research has been part of a **black bear management project** designed and supervised by Van Niel, which includes determining birth dates of cubs and typical dens used by bears in the Finger Lakes region of New York.

She has participated in field trips to black bear dens in New York state, where she has held black bear cubs in her arms, safely out of sight of their mothers, in order to determine their age, and to Massachusetts, where

*r i/UJ?A... 5·el/01.-vt .f,z # s k.,\_-  
'!; t[;y; J;ye &1th(). ofF-/-l-wZ (e\_cg?  
oF oor C W-"uH:t;; w!^1'Y< unde/l  
Cj/V.r:!.N• k /e.J.<<c.1Lf, In;-hc"-hv-e.*



she has studied black bear ritual trails in order to better understand some of their unique behaviors.

"The bears walk the same path over and over, and you can see obvious bites and scratches on the trees," she says. "They also have a wide stance when they walk these trails, which is a mystery because they do not do it everywhere. They do it in Massachusetts, but not in New York state. It's not their normal walk, but it's something they do over and over. At the beginning of the path, the trees are very chewed, bitten and rubbed and you can see their exaggerated wide walk. Then the ritual trail ends, and the trees are not ripped up, and it's a normal walk."

She and Van Niel will be among other program participants traveling to Washington later this month for a special **poster presentation** of their research for lawmakers on Ca'pitol Hill. "This research has been very important to me," Raeman says. "It's been really great because we have direct contact with the bears, which makes it all that easier to learn, as well as pretty exciting."

Van Niel describes the field research component of his class as "a highlight for my students and me," adding: "We read journal articles, design protocols, gather data and collaborate with professionals in the field. CCUR provided me with the support I needed for professional development to actually work with bear researchers while developing this course, as well as the purchase of gear such as telemetry equipment and camera traps needed to do our work."

"Since 2010, I have had students present their research at several regional and national conferences and secure seasonal positions working with bears," he adds.

By the way, Hewlett's students did, in fact, solve the original scientific puzzle of the gender of the red tailed hawk. They developed a simple genetic test using a blood sample that isolates a gene on the sex chromosome, and provides the answer.

"They did it outside the classroom, and became totally engaged in the

genetics," Hewlett says. "So much so that other instructors were asking me: 'what have you done to these students, they are so into it? There has to be a way to involve other students.' That was the start of it, and we just had to go down that road." -

-Marlene Cimon, National Science Foundation

### **Investigators**

James Hewlett

James Jacob

John VanNiel

Virginia Balke

Jacqueline Crisman

### **Related Institutions/Organizations**

Finger Lakes Community College

### **Related Programs**

**Advanced Technological Education**

### **Related Awards**

**#1118679 Collaborative Research: Community College Undergraduate Research Initiative (CCURI)**

### **Total Grants**

\$3,664,911



The National Science Foundation, 4201 Wilson Boulevard, Arlington, Virginia 22230. USA Tel: (703) 292-5111, FIRS: (800) 877-83391 IDD: (800) 281-8749

## **Supporters of the Mendocino College Point Arena Field Station**

The following citizens, with direct interest in the mission of Mendocino College, have expressed their support for preserving and protecting the Point Arena Field Station as an educational and research facility under the continued ownership of Mendocino College.

### **Mendocino Historical Society**

The following members of the Mendocino Historical Society all agree that the college should retain ownership of the Field Station: David Foucheaux, Marilyn Saegert, Leonard Winter, Dorothy Brunell, Dorothea Winter, Anne Boyes, Roger Krueger, Billie Smith, Bruce Brunell, Paul Poulos, Martin Christianson, Necia Liles.

### **Other Supporters**

Julie and Jim Bawcom	Bill Smith
Leslie Saxon West and Alan West	Paige Marie Poulos
Bonnie and Jared Carter	Janet Mendell and Barry Vogel
Steve Cardimona	Leota and Bob Wallen
Mary Lou and Wade Koeninger	Barbara and Jack Daniels
Diane and Andy Nicole	Julie and Tim Knudsen
Jim Werner	Vishnu
Dakotah Bertsch	Lynne McGuire
Martha and Charley Barra	Tim O'Brien
Diane and Joe Mayfield	Carrie Brown -
Milli Hickey	Barbara and Walter Eversole
Dick VanWyhe	Paul Elias
Jim Eddy	John McCowan
Jim Purcell	Mary and Frank Merritt
Irma Turner	Roger Butler
Molly Sampson and Zack Hansen	Patricia Tetzlaff
Terry Guerrero	Steve Miller

Jack Booth

Sandy Metzler and Mark Rawitsch

Sandra Spencer

Donna and Ed Berry

Barbara Cole

Flo and Pete Passof

Jan Hoyman

Joy and Richard McClintock

Marge Monahan

Freda Zody

Liesbeth and Stephen Pasternak

Natasha Jelen

Rachael Smith-Ferri

Katherine Fengler

Lynda Myers

Sarah and Dan Falk

Claire Farnsworth Fagan

Francine and Ron Selim

Susan Gross

Katelyn Bawcom

Will Moody

Susan Era

Tex Sawyer

Sue and Clay Blundell

Gabe Rensen

Jan Moeller

Patricia Spencer

Kate Gould

Holly Brackmann

Roger Foote

Sandy and Gary Akerstrom

Dolores Fisette and Saul Krimly

Michele Young

Jerilyn Harris

Ellen Weed

Candy and Damon Dickinson

Sherrie and David Smith-Ferri

John Woolley

Catherine Indermill

Christy and David Scollin

Robert Dempel

Gwen and Adam E. Glotnis

Rob Roth

Mary Ann Villwock

Tina Moody

Michael Maltas

Frank McGarvey

Phil Hartley

Xiao Hui Lau

Chelsea Belden

Macaela Stenback	Katie Whitmarsh
Debbie and Richard Stenbeck	Jerri Stenback
Dorienda Miller	Kathy Monroe
Sheila Lukas	Chesney Johnson
Samia Whitmarsh	Karen and Joe Neal
Carrie Harpe	Raylene Schafer
Donna and Stan Whitmarsh	Shirley Bush
Brooke Ingram	Ashley Edwards
Stephanie Thornhill Dunken	Marco Buenrostro
Emily Attaway	Robyn Granados
Janaye Garcia	Brian Kornegay
Emily Brower	Hailley Zeller
Jillian Mayfield	Cassandra Dhuywetter
Katie Bishop	Cheryl Cornett
Erica Roysum	Gade Miller Ed
Geraldine Rose	Schuman Jim
Justin Rhoades	Mastin Paula
Dave Gebhard	Gray Brian
Ann and Tommy Thornhill	Corcoran
Shawn Baize	Juana and Juan Juan
Margaret and Jack Sweeley	Suzanne Jahnke-McConnell
Anabel and Alan Barahal	Mary, Sarah, Armand and Harry Matossian
Arlene Shippey	Joan Schlienger
Fred Bellows	Jim Persky
Nicholas Khoury	Marie De Santis

Chari and Jim McCleary	Brent Clausen
Hilde Mueller	Dick Bailey
Geri West	Daphne McNeil
Laura Xerogeanes	Susan B. Gates
Raymond L. Gates Annie and Russ Nyborg Dr.	Paulette Arnold
Gary Bodensteiner	Ilene Weeks
Justice Reckis	Ruth and Ron Hensell
Clare Friedlander	David Fissel
Lori Carter	Annie Guzman
Beverly Urton	Ron and Dana Franz
Jeff and Marilyn Simpson	Robin Urton
Arlene Philbrick	Chris Philbrick
Betty Davis	Kathy Shipley
Diane Pauli	Patrick Hovland
John Koetzner	Al and Christine Mullis
Gary Gamble	Juanita and Tom Coddington
Janet and Bill Pauli	Gay Thomas
Floyd and Lois Eriksen	F.aye and Bryon Hefte
Norman Williamson	Donna Hogan
Ron Epstein	David M. Orchard and Marie H. Orchard
Marlis Blanc Janie	Bob Blanc Chuck
Sheppard	Williams Pinky
Jonathan Whipple	Kushner Linda
Kristina Arp	Bailey Kathleen
	Mulligan

Julie DiFranco

Jordan M. Anderson, Ph.D.

Sandi Lang

Glenn McGourty

Prue Wilcox

Jacque Lolich

Roe and Kitty Sandelin

Holly Wilson

Liz Helenchild

Ace Barash

Larry and Pat Hartley

Sandra Tassin

Raymond and Marie Ohleyer

Camey Harris Gary

Stanley Rosemarie

Suddich Valerie

Barber

Sue Hart

Joan Clearwater

Shirley Marks

Lorene Christiansen

Rebecca Stanley

Jim Busch

Tom MonPere

Deborah Mclear-Gary

Kenneth and Brenda Hoek

Margaret Rau

Barbara Maclean

Martin Bradley

Bob and Thelma Levy

Mark and Wendy DeMeulenaere

Holly Madrigal, Mayor, City of Willits

Judith P. Waterman

Greg Sager

Mike McKay

Kathy Shearn and Rod Coots

Barbara Webster

Clarence Giacomini

Robert Andersen

John A. Ross

Micheline White

Tommy Z. Hardeman

Mary Williams

Anita Borgongo

Donna and Ron Casterson

Vera-Lee Kaiser

Louis Lombardi

Pete Passof

Vincent Collins-Smith

Chris Lloyd

Pat and Gary Mirata

Susan Knoff

Jonah Freedman

Michelle Valencia

Garry and Jeanne Colson

D. DeMartini

Debra Meek

Lois Cook

Lyle Petersen

Mr. and Mrs. Howell DeCosta

Ron Epstein

Bob Alto

Dr. Richard McClintock, Jr.

Vicki and Patrick Ohey

Lynda Coursey

Lori Quarles

Betty and Bill Hook

Anna Pringles

Ben Varney

Richard Harris

Norm Rosen

Jason Pembartan

Charmaine Fernandez

A. and Mary Schaffer

Marsha Little

Ocean Epstein

Cathy Monroe

Mary Jo McClintock

Eugene and Faye Hefte