The Lanser

Moni

haven't seen you in a while

The Lancer missed you too!

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Santa Cruz City School District.

The Lancer is a publication of the Lancer club (Room 220, Soquel High School, 401 Old San José Road, Soquel, California, 95073). You may contact the Lancer via snail mail or at clara.lancer@gmail.com

GOALS: The goals of The Lancer, the student newspaper of Soquel High School, are to inform, educate, and entertain readers; to provide an educational opportunity for both the students who produce it and those who read it; and to provide a medium for commercial advertising.

Soquel High!

Its good to be back! Reunions can be awkward, but Soquel High and *The Lancer* are meant for each other. So lets charge into 2012.

Despite months (gasp!) without *The Lancer* you continue to do amazing things. In this issue hear from Sophomore Justine Dice about her passion for the environment **Page 3**. FFA and Sophomore Nichole Richter are leading a highly successful shoe drive **Page 4**. A new club on campus is showing love for the great outdoors **Page 5**. And amazing athletes are representing Soquel High with pride and dedication **Page 12**. You can get involved with one of the Community Service opportunities in the Community Service Column **Page 6**.

Enjoy!

Clara Hartman

Editor-in-Chief

Student Calendar Mar/Apr

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Daylight Savings turn the clock forward I hour!	12	Varsity Lacrosse v. Carmel HS 5:30pm	14	Envir. Club Campus Cleanup 3pm-4pm	AP Exam Fees Due to Office	17 Mock ACT 9am-1pm Rm. 120 S10
18	19	20 First Day of Spring	21	22	23	Saturday School 8:30am
25	26	Varsity Baseball v. Santa Cruz 3:30pm	28	Varsity Softball v. Harbor	Swim Meet v. Harbor	31
April Fools Day	No School Spring Break Begins	No School 3	No School 4	No School Track & Field Meet v. Aptos 3:30pm	No School Registration dead- line for May SAT	7

Make the Change, Be the Difference:

An Introduction to Soquel's Sustainability Chronicles

It is a rather intimidating thought to ponder that we, the youth, have the incredible ability to power the future of our planet. Despite the potential of this idea to overwhelm us, it is key that we recognize and embrace this power as the habits we develop now will follow and carry not only us into the future, but our planet, our home, will too be channeled ahead upon these factors. Humans are creatures of habit, and our behavior is influenced greatly by society's pressures and normalized by other's actions around us, so it is up to us to be aware of our actions and insure they are benefiting the health of our planet. As humans, we face many destructive environmental issues as a direct result of our acquired behavior.

In each issue this column will educate readers about a relevant environmental challenge we face today, the impact we have on it, and ways we can change our habits to make a positive difference and withdraw from the habits that negatively effect the issue discussed. My goal is not to selectively raise awareness about the environmental struggles that we face today, as many of us are currently aware, but to start a train of thought and action that provides alternatives to the destructive habits that many of us, myself included, have tendencies to partake in.

To make a difference there is no need to be perfect. It is the simple choices we make on a daily basis such as to buy a dress made from organic cotton in a local store, not one made of synthetic polyester overseas; to pick the grapes grown three hours away, not three countries; or to screw in LED or CFL light bulbs instead of the incandescent variety, that will benefit our planet so greatly. Most everything, the clothes we wear, the food we eat, the light bulbs we click on, has an impact on the health of our planet and we have a choice, to make the sustainable decisions or the easier destructive ones. Remember to never give up hope. We are all born into this world and pick up the habits around us, so it is up to us to make the changes that will lead to a sustainable lifestyle, and with these changes, inspire others to do the same. We cannot change the past we have come from, but we can change the present and the future we are all headed to.

-Justine Dice

Sustainabillity Chronicles #1: Climate Change

Climate change. Most all of us have heard the term, but has our society as a whole really made substantial changes in order to reduce our negative impact on this issue? Are we even aware of which actions we take have an impact? To understand the humans' impact on the climate and may of the environmental issues that are to be discussed in this column. we must comprehend the basic causes and effects of climate change.

People have long suspected that human activity could change earth's climate. Ancient Greeks debated how cutting down forests might bring more rainfall to a region, or perhaps less. In 1896, Svante Arrhenius, a Swedish scientist, published a new idea that theorized as humans burned fossil fuels such as coal, oil, and natural gas, which added carbon dioxide gas to the Earth's atmosphere, humans would raise the planet's average

temperature. The idea of the "greenhouse effect" was born.

A greenhouse gas is a gas in our atmosphere that absorbs and emits radiation; basically, greenhouse gases maintain the earth's temperature. The extensive presence of these gases causes earth to heat up, hence, climate change. The primary greenhouse gases in the Earth's atmosphere are water vapor, carbon dioxide,

methane, nitrous oxide, and ozone.

The increasing presence of these gases, sparked by the Industrial Revolution, is detrimental to planet earth. Our glaciers have shrunk, ice on rivers and lakes is breaking up, plant and animal ranges have shifted, and many more repercussions, even more serious than the ones listed, are happening right now, and will continue unless we make a change.

Sarah Mae Nelson, the Climate Change Interpretive Specialist at the Monterey Bay Aquarium, point outs that it is important that the general public acknowledges that global warming happening, speaks up about it, and makes change, because the repercussions "have a direct impact on our lives every day, every week, every season, every year." Recall how these gases are emitted into the atmosphere by the burning of fossil fuels such as coal, oil, and natural gas, all resources we directly and indirectly use constantly. Fossil fuels power our cars to school. power the heaters in our home, power the creation of most everything we own, and most importantly power climate change.

So what can we do to help combat climate change and reduce carbon emissions?

1. Eat locally. The food we buy at large chain grocery

stores may travel from the other side of the world, burning fossil fuels the entire trip; plus, if we eat locally we are supporting our local busi-

nesses and economy.

2. Be aware of energy use. Electricity generation is responsible for 40 percent of carbon emissions from the United States. If your utility company offers renewable energy, buy it. If not, send them a message asking for clean energy. Turn down the heat and put on a sweater. Heating and air conditioning are responsible for more than half of the energy that a home uses in the United States. We can easily install a programmable thermostat that saves money and carbon.

3. Avoid plastic. Plastic



The author and other teens get excited about sustainability!

takes an overwhelming amount of fossil fuels to manufacture and ship. Use it sparingly, avoiding singleuse plastics at all costs.

4. Recycle! Recycle! Recycle! We save two pounds of carbon for every twenty glass bottles that we recycle. Recycling paper also saves trees. Trees reduce climate change naturally as they remove carbon from the atmosphere. Use recycled products. Products made from recycled paper, glass, metal, and plastic greatly reduce carbon emissions. Recycled products take less energy to manufacture

than products made from completely new materials, and they do not exhaust our natural resources.

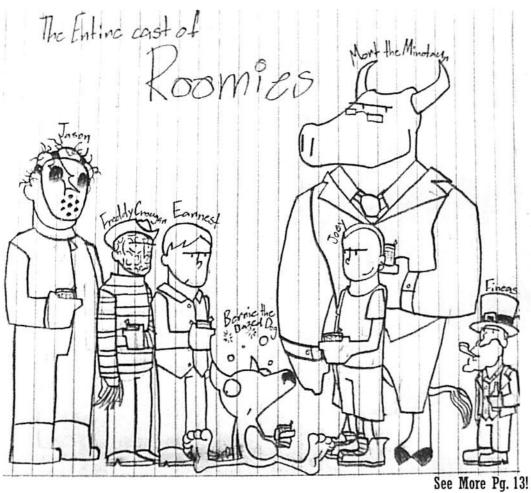
As consumers, we have the power to combat climate change and save our planet. We are humanities prized family heirloom, and future, so our actions must be taken consciously and in a sustainable matter on an everyday basis, as they have an incredible impact on the world around us.

Read the full interview with Sarah Mae Nelson on Page 14!



In an effort led by Sophomore Nichole Richter, Soquel FFA has collected over a 200 pairs of shoes for Soles 4 Souls. Souls 4 Soles is an international charity dedicated to providing needy people with new and gently used shoes. Shoes are important because they reduce injury, disease, and infection. You can get involved by bringing your gently used shoes to room 600!

New Comic: Roomies By Robert Lopez Q & A



New Outdoors Club



What: Soquel High Outdoors Club (SHOC)

Who: People who love the outdoors

About: The club organizes weekend hikes and ecological service projects. Recent hikes include Henry Cowell, Moore Creek, and Castle Rock. Service projects include trail restoration, creek cleanups, and native plant rescue. The club is open to all suggestions for future activities. Come check it out!

When: Every other Monday at Lunch

Where: Room 122 (Ms. Ferejohn's classroom)

"Who would you vote for in



the November election?"



"Undecided - I want more information about the candidates' issues."

-Caitlin Sorkhabi

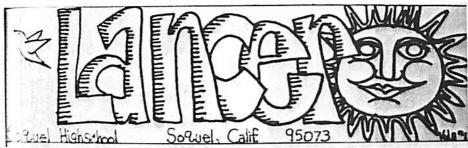


"I like Ron Paul because he is for less government control."

-Margarita Munoz



"I wouldn't re-elect Obama." -Sam Stephons

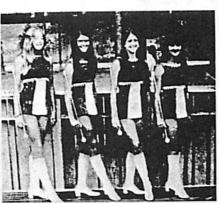


Highlights from the 1970s









A volunteer simulates for the Lancer camara how the illegal marijuona plant can be processed into cigarettes and smoked.





Community Service Opportunities

Organization Graffiti Removal

Date/s March 17

Description From 10-1 help cover up 3,000 square feet of graffiti under Wharf Road Bridge in Soquel. Minimum age 13.

Contact Sara Winterburn

Organization Mountain Bike Festival

Date/s April 14-15

Description Volunteers needed for 4 hour shifts to keep the festival running!

Contact roxanneharrison@gmail.com

Organization Animal Shelter Relief

Date/s Saturdays and Sundays

Description Need volunteers to help at weekly adoption fairs at the Cabrillo Farmers Market and Pets Mart. Minimum age 13.

Contact Annette Hogue

Organization Second Harvest Food Bank

Date/s Tuesday-Friday

Description One-hour shifts at a Food for Children distribution site assisting with food distribution and nutritional education. Minimum age 15.

Contact Danny Robles

Organization VSSC

Date/s Saturday March 17

Description From 9-12 Volunteers to Save Soquel Creek will be restoring native habitat by removing invasive species. Meet at Capitola Library.

Contact wsp.rcdscc@gmail.com

Organization Youth N.O.W

Date/s varies

Description Tutor in English/Humanities at the Youth N.O.W. Center in Watsonville. Tutors needed for grades 6-12 to provide one-on-one support. Minimum age 15.

Contact Jessica Guild

Remembering the Holidays By Brooke Gray

As we start yet another semester, we all look back at the glorious two weeks that were winter break. Student Andy Williams says it best when he sings, "it's the most wonderful time of the year!" The ending of fall and the beginning of winter are the perfect times to be with family and friends, celebrate your favorite traditions, and cherish those sweet moments when you finally get to sleep in.

Many students traveled to see our extended families, or others stayed home to celebrate. The holiday season is filled with different traditions to honor, and different places to travel to. So this reporter decided to ask how some of our own Soquel High students celebrate winter break and the holiday season.

Nicole Padgett loves "going to Vasona Park, [in Los Gatos], to see all the lights." Padgett's family usually drives through the park "one week before Christmas" to get into the holiday spirit. As for Christmas Eve, Nicole's family always "picks one present under the tree, and then [they] wake up early Christmas morning to finish opening presents, and later have a nice dinner with ham, mashed potatoes and more!" Mmmm...just thinking about the yummy foods served during the holidays makes me hungry!

Senior Rachelle Yellin blends traditions by joining her families to "celebrate both Christmas and Hanukkah." For Christmas Rachelle usu-

ally "goes down to Los Angeles to spend [time] with [her] mom's family" where she enjoys drinking festive "pumpkin spiced lattes" before driving "around to see the Christmas lights." Rachelle reveals that winter is her "favorite season" because of the "warm drinks, holiday Starbucks cups, pretty scarves, running around in the rain, and snuggling up to a fire." Winter is definitely a time to stay comfy and cozy, and what better way to stay warm than to bake cookies, have a warm cup of hot chocolate or coffee, while watch movies, or spending time with family.

Chandra Hays describes enjoying her favorite season, saying, "usually we go to my grandparents' farm in Virginia. The entire family comes, [all] thirty of us, [otherwise] we stay home and one of my sets of grandparents come to visit." Chandra also has fun with her family when they all "go together, pick out a Christmas tree, and



Will Ferrel is all about holiday cheer in Eli

decorate it" as a family. This winter break Chandra attended a "music festival in Lake Tahoe [with] a bunch of friends" to ring in the New Year! Great music, friends, and the gorgeous scenery of Lake Tahoe, can't get much better than that!

Valerie Silva's "favorite part about winter break is being able to spend lots of time in the snow." When I spoke to Valerie before the break she was "really looking forward to being on top of the mountain again!"

On a different not Patrick DeLear's "favorite part about the [holiday season] is going paintballing in the snow."

It is important to take a break after working so hard in the beginning of the year. I hope everyone had fun over break wish you all a happy new year. And remember, "the best way to spread [holiday] cheer, is singing loud for all to hear! (Elf)."

Q & A

"Do you believe in the institution of marriage? Would you Cameron Cox like to get



married some day?"



"One day I'd like to get married; not for a while though!" -Rael Ramos



"Yes - I feel marriage leads to happiness." -Johny Silva



"I believe in marriage and happily ever after. I want to marry my best friend. He'll be intelligent, attractive, and treat me like a princess! I want a big wedding and I want to get married on a ship. I'd love for President Obama to officiate. -Lupita Delgadillo

Q & A

"What do you like about



Cameron Cox

Soquel High?"



"The atmosphere: the spirit of the student body has gone up." -Lila Villagran



"Spirit week: dressing up, making friends, everyone being so nice." -Cassidy Donaldson



"I went to school here from '72-'75, and when I left I said I'd never come back. Overall, this is a good group of kids this year." -Sam Urbach, Campus Supervisor



Review: The Devil Inside By Asarrah Bohbot

The Devil Inside, starring Fernanda Andrade as Isabella Rossi, is about Isabella trying to understand the story of her mother's involvement in an exorcism in the 1980s.

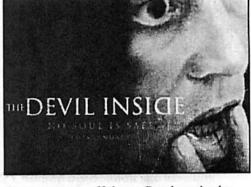
Apparently Isabella's mother Maria, played by Suzan Crowley, murdered three people during the exorcism and Isabella cannot understand why. She ventures to Rome with two exorcists to discover why mother is there, and to get some answers. But the answers she finds are not at all what she was expecting.

Its the number one movie of the year. I'm sure lots of us here at Soquel High have gone to see it already! First and foremost, it was a mockumentary, meaning that although it advertises that these are real incidents and real files, they are indeed fake. Like all

movies of this Blair Witch Project type of filming (home movie style), it had some intense scenes. Unfortunately these were often followed by serious flops.

I had no problem with the acting or story line. In fact, I thought that those were two factors that kept the movie alive and made it feel real, exactly like its original intention.

My main issue with the movie was the ending. It was boring and abrupt! It seemed like the filmmakers just came to work and said to each other, "I'm over this movie! Where are we in process of filming? Just an hour and a half in? Oh yea, lets just cut it



off there. Psssh, nobody will really care." GUESS WHAT? We did care!

Overall, this is an okay movie, and if you are looking for a dark horror movie with some really good, solid and scary scenes, but not much psychological aftermath, this might be a good movie for you.

I recommend, however, that you save yourself the few bucks. Rent a classic horror movie to watch at home, and to be creeped out and paranoid in the lurking darkness of your own confines.

Best of 2011

Top Grossing Movies

- 1. Harry Potter and the Deathly Hallows Part 2
- 2. Transformers: Dark of the Moon
- 3. Twilight Saga: Breaking Dawn Part 1
- 4. The Hangover Part II
- 5. Pirates of the Carribean: On Stranger Tides
- 6. Fast Five
- 7. Cars 2
- 8. Thor
- 9. Rise of the Planet of the Apes
- 10. Captain America: The First Avenger

Best Selling Albums

- 1. "21" Adele
- 2. Born This Way Lady GaGa
- 3. Christmas Michael Bublé
- 4. Doo-Wops & Hooligans Bruno Mars
- 5. Loud Rihanna
- 6. Mylo Xyloto Coldplay
- 7. "19" Adele
- 8. Sigh No More Mumford & Sons
- 9. Teenage Dream Katy Perry
- 10. "4" Beyoncé

Most Liked Facebook Pages

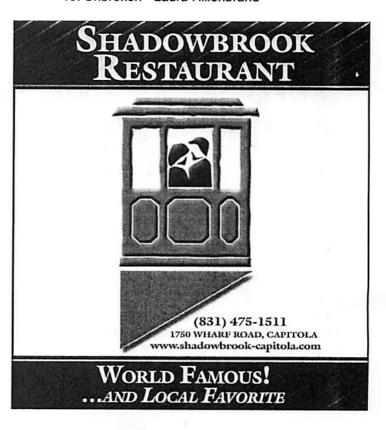
- 1. Facebook
- 2. Eminem
- 3. YouTube
- 4. Lady GaGa
- 5. Rihanna
- 6. Michael Jackson
- 7. Shakira
- 8. Texas Hold'em Poker
- 9. Family Guy
- 10. FarmVille

Best Selling iPhone Apps

- Angry Birds
- 2. Fruit Ninja
- 3. Angry Birds Seasons
- 4. Cut the Rope
- 5. Tiny Wings
- 6. Angry Birds Rio
- 7. Words With Friends
- 8. Camera+
- 9. Doodle Jump
- 10. Plants vs. Zombies

Best Selling Books

- 1. The Help Kathryn Stockett
- 2. The Hunger Games Suzanne Collins
- 3. Heaven is for Real Todd Burpo with Lynn Vincent
- 4. Water for Elephants Sara Gruen
- 5. Catching Fire Suzanne Collins
- 6. Diary of a Wimpy Kid: Cabin Fever Jeff Kinney
- 7. Mockingjay Suzanne Collins
- 8. Steve Jobs: A Biography Walter Isaacson
- 9. The Girl With the Dragon Tattoo Stieg Larsson
- 10. Unbroken Laura Hillenbrand



Q & A

"What stores would you like Cameron Cox



to see

in Santa Cruz?"



"In N Out Burger" -Bri Alexander



"I'm content with what's here." -Dan Robinson



"Olive Garden" -Gianna Fisher



"My girlfriends and I like to trade clothes. I miss IC Penney. I also miss Woolworth and the lunch counter there."

-Nina Eklof, secretary, SCCS Special Ed Dept

What's your Doomsday Theory?

- 1. The class you'll miss most after Doomsday is...
 - A. History
 - **B.** Physics
 - C. Science Fiction
 - D. Ceramics
- 2. The most important item in vour bunker is...
 - A. my library
 - B. a laptop
 - C. freeze-dried food
 - D. my yoga mat
- 3. The music genre you'll be listening to as the world ends is...
 - A. Latin
 - B. Dubstep
 - C. Pop
 - D. Alternative Rock

Mostly As

The Mayan Calendar The Mayan's had a thing for long-term planning, but it all ends on December 21st 2012. You believe that the end of the Fourth World, which began on August 11, 3114 BC, signals the end of civilization. You are prepared to bunker down and wait for the destruction of the universe.

Mostly Bs

Earth's Poles Switch You saw the movie 2012 and it made sense. Approximately 800,000 years ago the Earth's magnetic field reversed and you believe we're due for the next reversal. Expect continent collision, seas of lava, and the end of the world as we know

- 4. The celebrity you'd spend your last day with is...
 - A. Mervl Streep
 - B. John Cusack
 - C. Zoe Saldana
 - D. Joaquin Pheonix
- 5. To prepare for Doomsday you'll spend the next few months...
 - A. at school
 - B. partying
 - C. picketing NASA
 - D. exploring the world
- 6. Your last words will be...
 - A. a shakespeare avote
 - B. "oh s***t"
 - C. "I knew it!"
 - D. spontaneous and full of meaning

Mostly Cs

Planet Nibiru (X) Extra-terrestrial "contactee," Nancy Leider, has discovered a planet hurtling through space directly at Earth! You know NASA is hiding information and you won't stand for it.

Mostly Ds

Buggrach Esoterics In the small town of Bugrach, France a group of New Age psychics, who call themselves the "esoterics," have predicted the world will end in 2012 and the only protected place will be Mount Bugarach. You are ready to start living under the mountain and maybe you'll even meet it's alien protectors.

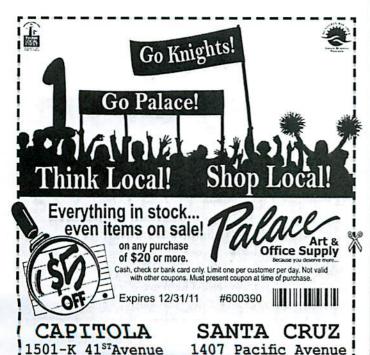
Sudoku

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	5		4	8				1
					3			

Solution on Page 13

427-1550

SAT 10-8 SUN 10-5:30



464-2700

SAT 9-7 SUN 10-5:30

Upcoming Scholarships

Cabrillo Civic Club Scholarship

Deadline: March 15

Student must be of Portuguese descent on father's or mother's side, GPA of 3.5, participate in at least three extracurricular activities, present three letter of recommendation. \$500.

Asian Pacific Fund Scholarship

Deadline: March 15

For high school seniors attending a four-year college. 14 programs, 30 scholarships, many renewable. Awards available for students of any ethnic background. Scholarships of up to \$20,000.

See: www.asianpacificfund.org.

Italian Catholic Federation

Deadline: March 15

\$400.00: The Federation will award scholarships to high school graduates who are baptized Roman Catholic but need not be of Italian descent. Must attend accredited university, college, junior college or technical school. 2nd year scholarships are \$500.00, 3rd year scholarships are \$600.00 and 4th year scholarships are \$1,000.00. Applications are reviewed and judged by the scholarship committee for the selection of scholarship winners. A GPA of at least 3.2 must be maintained by the students.

Apply at http://icf.org/scholarships.html

California Women for Agriculture Scholarship

Deadline: March 16

Scholarship A is for females, pursuing a bachelor's degree, an associate's degree or degree from an accredited trade school in agriculture or a related subject area, GPA 3.0

Scholarship B is for females, employed as a farm laborer or who have at least one parent or spouse who has been employed as a farm laborer for two consecutive seasons. Must be pursuing a bachelor's degree, an associate's degree or degree from an accredited trade school in any subject area, GPA 3.0.

Omega Nu Scholarship

Deadline March 29

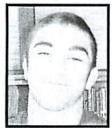
The Sigma Alpha Chapter of Omega Nu is offering more than \$50,000 in scholarships to high school seniors graduating from Aptos, Cypress Charter, Delta, Harbor, San Lorenzo Valley, Santa Cruz, Scotts Valley, Soquel and Pacific Collegiate high schools. Students must have a 3.0 grade point average and plan to attend a college or university in California to qualify. The application deadline is March 29. (Will be picked up from SHS on March 30th!) Applications can be picked up from each school's counseling office.

Sports Spotlights

By Brandon Arthur

Will McTighe

Will McTighe is one of only 3 guys who are on the varsity wrestling team. Will's dad was a wrestler and in 6th grade Will joined the wrestling team at New Brighton. He's been hooked ever since. Jim Walker was a great coach at New Brighton and continues to help out coaching.



Will says the game is "more mental than physical; it's just you and one other person. You can't give up." The hardest part is "cutting weight". Will competes in the 126 lb. class, and he has to make sure he's down at that weight the Saturday before the competition.

Will doesn't plan on wresting in college; he's just enjoying it now. In his free time, he also likes to practice Jiu Jitsu, a submission martial arts form. Will also likes to hang out with friends and play video games.

On a final note, Will says to remind everyone that "wresting is more than wearing a singlet."

Blake Alhart & **Zach Anderson**



Zach Anderson about playing

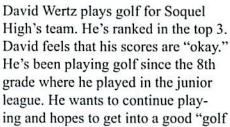
varsity for Soquel's Lacrosse team. Blake mostly plays attack (forward) and Zach is the face off guy. Both boys got interested in Lacrosse through Zach's dad, who played in college.

The Lacrosse season runs from February to April. Blake and Zach are predicting a good season this year since they gained some great junior varsity players. Zach likes being able to score goals, and not have to worry about penalties, like he did playing soccer. Blake likes the energy – it's a fast game; you're always moving. As for a future in Lacrosse, it's very competitive, they say. There are currently only 6 professional teams.

When not playing Lacrosse, Blake likes to eat, and Zach is into video games and TV.

They want you to try Lacrosse; it's fun! And it's co-ed.

David Wertz





David's favorite course is Soquel's home course: Delaveaga because it is "dry and warm." He also likes Seascape. David believes that "the two hardest courses are Spring Hill and Pasatiempo - which is a pro caliber course."

His favorite part about playing golf is that it's a long game and he gets to hang out with friends for extended periods of time. His least favorite part of the game is "letting the mental aspect of it get to [him]. You have to be able to rise above it and get to the next hole."

David's favorite pro golfer is Rory McIlroy. "He's young, 22 and not a big guy." David says that "golf requires staying motivated, practicing a lot, and staying within your ability." When at home, David does homework, hangs out at the beaches watching the surfers, and bikes around town.

Lucas Cordoza & Cody Valcarcel

Lucas Cordoza and Cody Valcarcel are both juniors playing varsity basketball for Soquel.



The two are friends and have been on a basketball team since playing for New Brighton in 7th grade.

Lucas plays forward and Cody plays shooting guard. Basketball requires commitment. There are a lot of games and the practices can be exhausting. Between homework and basketball, "it's nice to just hang out on the weekends." But both guys love the competitive nature of the game and want you to come out and support them at home games.



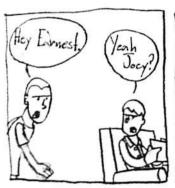
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Interview with Sarah Mae Nelson

By Justine Dice

Sarah Mae Nelson is the Climate Change Interpretive Specialist at the Monterey Bay Aquarium. Having dedicated a large portion to her life to the preservation of planet earth and the battle against climate change, Sarah Mae is extraordinarily educated on the impacts of climate change and is passionate about the art of sustainable living. While educating others about climate change, Sarah Mae inspires people of all ages to find their voice and position in the fight against many environmental issues.

1. Why do you think people don't believe that climate change is happening? How can they be convinced otherwise? "There are so many reasons why people don't believe in climate change but personally I think there are two that leap to the top of the list. Number one is fear. If climate change is real, then everything that we know and understand is going to change. Denial is a wonderful way to hide from things and the media loves to fuel fear and denial. The politicians and corporate interests have a vested interest in keeping things at the status quo. The majority of Americans believe that climate change is real but they are terrified about its implications and even more terrified because the government is so tangled up in special interests that they have forgotten their duty to the 350 million plus people of our nation. Number two is laziness. It is simply easier to let things be than try to change. Humans are creatures of habit and we are normalized to certain habits as a result of societal pressures (which incidentally are often pressed by marketing from corporate interests). I believe that most of the 'denialists' are really believers but they just don't care what happens to others or what happens in the future. They are selfish and greedy. They are using the political situation in our country to fatten their wallets at the expense of future generations. I don't think we can ever 'convince' the 'non-believers' but I think we can raise our voices to drown them out. That is part of what is going on with the occupy protests and such. That is part of what the civil rights movement was about. That is part of what women's suffrage was about. That is part of what abolitionism was about. I feel an overwhelming desire to leave my current position and do whatever I can to get the silent believing majority to stop being silent. I believe we can make a difference we just need to share our fire and passion and courage with those that are content to remain in the shadows. When our fire brings them into the light, they will be encouraged to stand with us and together."

2. To what extent do you believe humans are responsible for climate change?

"I know from scientific evidence that humans are responsible for the current extreme rate of climate change as a result of our use of fossil fuels for the last 200 years since the beginning of the industrial revolution. There are natural systems and feedback loops that have been activated by the carbon dioxide that we have forced into the system, but it is humans who started the ball rolling. As far back as the 1800s, Svante Arrhenius recognized the climate forcing potential of increased carbon dioxide in the atmosphere."

3. How reliable are the predictions of future climate change? Which overall effect of climate change should be of the most concern, in your opinion?

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"This is a tough question to answer. The predictions are reliable in that extreme changes are occurring and will continue to occur. As we learn more we modify the models and we get more accurate pictures of what is most likely to happen. However, the Earth is a living system. There are so many things we do not understand. But science is a living process as well. As we learn, we refine. I like to live by the adage, 'Plan for the worst, hope for the best.' For the seven billion people on the planet, doesn't this make sense? The IPCC AR5 will be coming out in early 2012, this report has more precise information that AR4 from 2007 because we have fed the information from the last five years into the models and it has helped to refine the predictions.

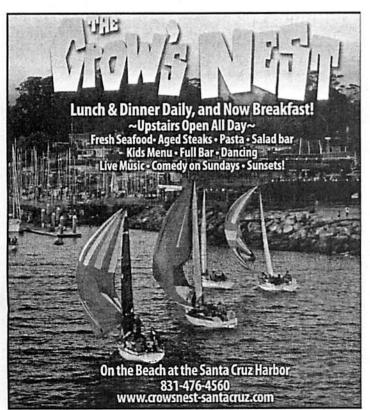
The effect of climate change that most concerns me is disruption of known climatic patterns. Shifts in precipitation, changes to the ENSO cycle, changes to the Pacific Decadal Oscillation and the Atlantic Decadal Oscillation, changes in the global ocean conveyor belt, changes in heat distribution around the planet, changes in wind patterns, increase of the speed of the jet stream, the possible break down of the Gulf Stream – these are all things that the general public does not know the names of or exactly what they mean scientifically but they have a DIRECT impact on our lives every day, every week, every season, every year. When the expected becomes disrupted, people become unnerved."

4. Must there be government interference in the fight against climate change for mankind to have a chance at combating this global issue? If so, in what matter and caliber must they interfere?

"Yes! But I wouldn't call it interference; I would call it direction. The role of government is to serve the people. If the government knows there is an eminent threat to its population, its role is to stop that threat or mitigate that threat. We are at the point in the game were stopping climate change will not happen. Climate change is happening and we must adapt to the changes and do our best to mitigate the impacts. First and foremost, the government MUST cut the subsidies to the fossil fuel companies that are leading us to certain doom. If we redirect these subsidies to renewable and mitigation and adaptation efforts, then we have a chance of maintaining society at a level relatively normal to what we know it to be today."

5.How has your in-depth education about climate change influenced your lifestyle choices (career, personal, public, etc.)? "Every one of my lifestyle choices is impacted by what I know about climate change. Sometimes, I admit, I choose the opposite of what 'I should' because when it comes down to a matter of my sanity or the future of the planet, I am more apt to choose my current sanity. I make sure everyone knows what I do, how I feel about things, and what I expect of them as my friends and colleagues. My community needs to change and I WILL not be silent about it. I will speak out. I will be an example. I will make sure people know what needs to be done. I will make sure people know they need to change and excuses are unacceptable. This has lost me some friends, but it has gained me enormous amounts of respect as well. So they balance. I have had many, many people tell me I am the voice of conservation in their heads. This is one of my greatest joys."

6.Is it possible to slow, stop, or reverse the effects of climate change? If so, what are the most urgent and crucial changes individuals should make in their everyday lives to put this into action?



"We can slow the effects but we cannot stop the impacts that will shake down as a result of the carbon dioxide already in the atmosphere (from the time we stop pumping incredible amounts into the atmosphere it will take another 100 years for the full impacts to shake out). So the sooner we reduce emissions the better. The most crucial changes individuals can make in their lives today is to become aware of their resource consumption and choose to change it. Buy local – do not buy something that was flown here from another country. Stop driving your car so much – carpool or take mass transit. Stop using single-use plastics – they take ridiculous amounts of energy to produce and transport. Most importantly, SPEAK UP. If you believe in your heart that things can change and that you can change them, talk to people about it. The only way we will change social norms is if we make certain behaviors unacceptable.

I am a Christian. I am a steward of this planet. I am a scientist. I was taught in Sunday school, 'Let your light shine before all men; that they may see your good works...' and 'No man, lights a lamp, puts it in the cellar, but on the stand, that all who enter in may see the light.'

I believe my light is my passion for conserving the planet and that my love-light shines brightly and is the spark that ignites other lights and encourages them to step out of the shadows."

Interview with Bryan Anderson

The Lancer: Why did you want to be a guidance counselor?

Bryan Anderson: Well, I started out as a migrant counselor in Pajaro Valley. I got a Spanish major and then worked in the construction industry in Mexico. I got really interested in the culture. So, I worked in construction, and I realized that I wanted to advocate for kids.

The Lancer: What have you learned as a counselor?

Bryan Anderson: I definitely learned that hard times make you stronger, that it's never too late to change your life, and if you set goals and follow your dreams everyday when you wake up in the morning, you know what you're doing. A high school student without goals is like a ship without a sail!

L: What is your favorite part of this job? B A: I've been a counselor for ten years with thousands of students. It's amazing to know how I've affected all those lives, and those kids have

all those lives, and those kids have become people I work with. Being a positive change agent is so much more important than money, and making a big paycheck. You can feel that you're doing good in your gut.

L: And your least favorite part? B A: Not being able to spend more time on each student, each family.

L: What are your Credentials?

B A: I've got a bachelor's degree in Spanish, Literature, and Art, and a master's degree in counseling. And those [diplomas] are from Humboldt State and University of Laverne. I graduated from Santa Cruz High School, and before that I went to Soquel Elementary.

L: So you didn't go to Soquel, but why do you choose to be here now? B A: I've been so deeply ingrained in the community. Ms. Keyes, Mr.

Kuwahara, Mr. Mihiron, I went to High School with all of them. I feel like this is a really great place to be, and I'm really committed. I came from a broken family, so I highly relied on teachers growing up. The teachers were the most influential people in my childhood, so now it's my turn to do that.

L: Did you play sports in high school? What clubs did you belong to?

B A: (Laughs) Oh, yeah I played sports - Varsity Cross Country, track, and surfing. I wasn't on the surf club though; it was more of a hobby. I was in the Environmental Club. Fortunately, I had great teachers who helped me learn not to squander. Kids who do drugs really make me sad at the waste of a great life. I'm really glad that I didn't get trapped into bad choices, that I got to get out of Santa Cruz and go see the world.

L: How involved were you in your high school?

B A: Definitely very involved. Junior Year I was part of the global youth exchange program. The assistant principal from Soquel High and a group of high school students travelled all around the world, from Thailand to South Africa.

L: What are your interests and hobbies?

B A: Number one is family. I've got two daughters and a baby boy born on the first day of school. He was a few weeks premature, so I got a rocky start at Soquel! Number two is world traveling. The most amazing place I've ever been is where Gandhi was assassinated - New Delhi, India. You can go to the room he died in, and they've got his last footsteps cemented on the ground, so you can walk his last steps. There's such an intense, electric feeling you get goose bumps.

By Greta Langenberg

I also really loved the Hawaiian island, Molokai, where Hawaiian royalty lived. Indigenous culture is alive



and well there - I mean, eighty eight percent of people speak Hawaiian. There's really intensive cultural preservation. One more really amazing place is coastal Oaxaca! I've probably been to over thirty countries, but those are my favorite places in the world. I love art, my favorite mediums are painting, photography, poetry, and driftwood sculpture. And, of course, surfing.

L: What's your favorite surf spot? B A: It's a secret, I'd never tell!

L: Do you attend Soquel High events (Sports games, plays, etc.)? B A: I haven't yet, mainly because I have three kids, including a new baby,

have three kids, including a new baby, but I intend to and I plan on taking my daughter to Ms. Klein's plays. I want my daughter to be inspired by Ms. Klein's creative success.

L: Do you have pets?

B A: One seventeen-year-old cat. She's kind of a funny story, actually. When I met my wife in college she'd had the cat for five years, and now we're been married for twelve. I inherited that cat. And now she's so old that she's peeing all over everything. Our house smells like cat pee and we're distraught about what to do.

Tip from Mr. Anderson: Colleges are looking for third year foreign language students who extensively explore foreign culture!