



Colin Murphey/The Daily Astorian

Tux, the newest addition to the Clatsop County Sheriff's Office, keeps an eye out.

Recruit: Retiring Pax won't stay far from Phillips

Continued from Page A1

Phillips has been involved with canine work ever since he was a cadet with the sheriff's office, serving as a decoy for the previous handler and taking bites from the dog during training exercises. He long has been in awe of what they can do.

"I think (canine units) can make a difference. Their noses are tremendously better than ours, and unfortunately we have this huge opiate problem nationwide," he said. "So, I mean, if we can get more drugs off the streets through traffic stops and interdiction stops, that's a win."

He also loves the bond

that is formed with each dog. "I think sometimes my wife is jealous because I spend more time with the dogs," Phillips joked. "But it's definitely a bond that's really unbreakable ... I'll do a traffic stop with (Pax), and he'll be upright watching what I've got going on ... just ready to spring into action and save the day."

Even in retirement, Pax won't stray far from Phillips. He will spend his days living the good life, eating steak and laying on the couch.

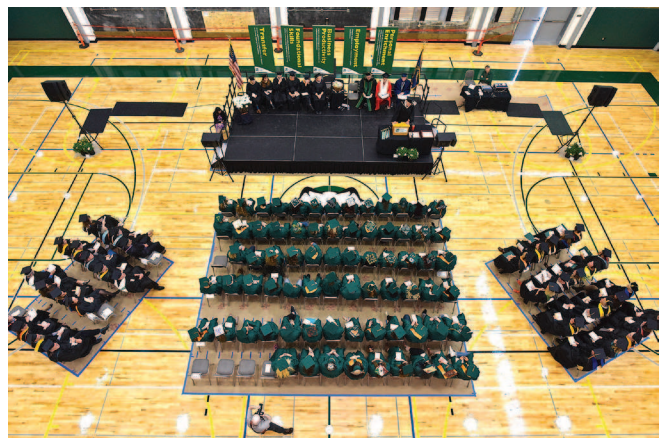
Though he is ready and excited to start training with Tux, Phillips can't help but admit it will feel strange not putting Pax into his rig anymore.

Tuition: Increase will equate to \$135 a year for average student

Continued from Page A1

The college this year budgeted about one-quarter of its funding from the state, along with 35 percent from taxes and more than 26 percent from tuition and fees, which have gone from \$64 per credit to \$102 over the past decade.

While keeping K-12 funding fairly steady, Gov. Kate Brown's proposed budget for the next two fiscal years recommended \$543 million for community colleges, a \$27 million cut from this spending cycle. The budget released by the state Joint Committee on Ways and Means recommended \$3.1 billion for all higher education, an increase of 7 percent but 4.4 percent short of main-



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A tuition increase is planned at Clatsop Community College.

taining service levels.

The tuition increase will equate to \$135 a year for the average student, while those on financial aid programs like Pell grants and Oregon Promise would not be affected, Breit-

meyer said. Of 75 students who responded to a survey, more than two-thirds said the increase would not affect the number of credits they take each term, while nearly one-quarter would cut back and 9 percent

would not be able to attend anymore.

Steven Ellsberg, a pre-nursing student at the college who testified Tuesday, said students have voiced their concerns about costs and a lack of understanding over what type of support the college offers.

"Being heard is a big part of what the students would like to feel," he said. "A lot of them might not have the ability to voice those concerns, or the skills to do so."

The college has enacted programs to help offset the tuition hike and possibly forego any attrition in students because of increases, but needs a robust communication strategy to let them know about the support, Breitmeyer said.

Forum: 'I think people ... want to know exactly what food is in their food'

Continued from Page A1

Masoni started her career making cheese in Tillamook at the Blue Heron French Cheese Co. and lasted six months before realizing "she was not cut out for living at the beach." She moved to Portland to work as a lab technician, where she worked with people on how to extend the shelf life of their products.

After briefly working at Gardenburger, Masoni came to find out about the Food Innovation Center, where she began helping entrepreneurs realize, produce and commercialize their food dreams, eventually giving herself the title of "food designer."

"I decided that if there could be car designers, people designing houses ... why couldn't I be a food designer?" she said.

Each client starts with an "ideation session," where Masoni helps brainstorm what they would like to make. They buy the food products they think it will take to make it, decide on a few ideas, and go to the lab to start experimenting.

Sometimes, the process means just figuring out how to sell something that already exists in a bottle or a jar that will last on the grocery store shelves.

Other times, it can mean figuring out a way to dye brown Oregon sea cucumbers black to be more appealing to Asian food markets. More notably, it means developing brand new flavor profiles that have come to define Portland's famous Salt and Straw ice cream brand.

A large part of the pro-

cess is understanding trends in what types of flavors consumers prefer. Over her 20-year career, Masoni has witnessed the rise and fall of many flavor fads. One of her favorite examples is kale, which 15 years ago was maybe only used in the occasional smoothie.

"Today, do you remember when all of the kale sold out during Snowmageddon in Portland?" she said.

But there are some changes in flavor preferences Masoni believes are around to stay. With the internet, people have access to recipes and ingredients they otherwise would have never heard of, broadening people's palettes. People's taste buds are changing, too, as sensitivities to heat, salt and sugar diminish.

With federal laws changing, Masoni expects to see more experimentation with cannabinoid-infused food.

But one of the most significant trends in food innovation, Masoni said, is driven by a growing desire for more natural flavorings, as well as meat and dairy alternatives.

Products like nondairy butter, using seaweed to mimic a cheesy flavoring for popcorn, and using plant-based proteins to replace meat will be the food innovation of the future.

"What we're trying to do with flavor is use whole foods to create flavor and stay away as much as possible from putting artificial flavors into foods," she said. "I think people like transparency ... they want to know exactly what food is in their food."

'WHAT WE'RE TRYING TO DO WITH FLAVOR IS USE WHOLE FOODS TO CREATE FLAVOR.'

Sarah Masoni | Oregon State University's Food Innovation Center

THE DAILY ASTORIAN



SCHEDULE

Evening listings
WEDNESDAY

WEDNESDAY EVENING		A - Charter Astoria/ Seaside - L - Charter Long Beach											MARCH 13
A	L	6 PM	6:30	7 PM	7:30	8 PM	8:30	9 PM	9:30	10 PM	10:30	11 PM	11:30
2	KATU	(2) KATU News at 6 (N)		Jeopardy! (N)	Wheel of Fortune	The Goldbergs (N)	Schooled (N)	Modern Family (N)	Single Parents (N)	Whiskey Cavalier "When in Rome" (N)	News (N)	(35) Jimmy Kimmel	
3	KOMO	(4) KOMO 4 News at 6pm (N)		Wheel of Fortune	Jeopardy! (N)	The Goldbergs (N)	Schooled (N)	Modern Family (N)	Single Parents (N)	Whiskey Cavalier "When in Rome" (N)	KOMO4News (N)	(35) Jimmy Kimmel	
4	KING	(5) NBC News (N)	KING 5 News (N)	KING 5 News (N)	Evening	Chicago Med "The Things We Do"	Chicago Fire "Inside These Walls"	Chicago P.D. "Trust"		Chicago P.D. "Trust"	KING 5 News (N)	(35) Tonight Show	
5	KOIN	(6) KOIN 6 News (N)	Evening News (N)	Extra	Ent. Tonight (N)	Survivor "I Need a Dance Partner" (N)	The World's Best This global talent competition features elite acts. (N)				News (N)	(35) Colbert	
6	KIRO	(7) KIRO 7 News (N)	Evening News (N)	KIRO 7 News (N)	Ent. Tonight (N)	Survivor "I Need a Dance Partner" (N)	The World's Best This global talent competition features elite acts. (N)				KIRO News (N)	(35) Colbert	
7	KGW	(8) KGW News at 6:00 p.m. (N)		Tonight Cassidy	Inside Edition	Chicago Med "The Things We Do"	Chicago Fire "Inside These Walls"	Chicago P.D. "Trust"			News (N)	(35) Tonight Show	
8	KRCW	(3) Modern Family	Modern Family	The Goldbergs	The Goldbergs	Riverdale (N)	All American "Best Kept Secret" (N)	News (N)	Friends		Two and a Half	Two and a Half	
9	KOPB	(10) Journeys in Japan	Business (N)	PBS NewsHour (N)		Best Trains NAmerica Profiles and stories of historic and scenic railroads.		Rick Steves' European Easter			Rock Rewind 1968		
10	KPTV	(12) 6 O'Clock News (N)		Family Feud	Family Feud	Empire "My Fault Is Past" (N)	Star "When Stars Fall" (N)	10 O'Clock News (N)			News (N)	Page Six TV	
11	KPDx	(2) Mike & Molly	Mike & Molly	Big Bang Theory	Big Bang Theory	8pm Prime News (N)	9pm Prime News (N)	Big Bang Theory	Family Guy		American Dad!	The Game	
12	KCPQ	(13) Modern Family	Modern Family	Big Bang Theory	Big Bang Theory	Empire "My Fault Is Past" (N)	Star "When Stars Fall" (N)	Q13 NEWS AT 10 (N)			News (N)	The Simpsons	
13	TBS	(20) Family Guy	Family Guy	Bob's Burgers	Bob's Burgers	Big Bang Theory	Big Bang Theory	Big Bang Theory	Big Bang Theory	Full Frontal (N)	Conan (N)	Full Frontal	
14	KZJO	(22) Black-ish	Black-ish	Mom	Modern Family	Mom	Modern Family	Q13 News at 9 (N)			Big Bang Theory	Big Bang Theory	
15	ESPN	(29) (4:00) NBA Basketb.	NBA Basketball	Golden State Warriors at Houston Rockets Site: Toyota Center -- Houston, Texas (L)		(55) After Buzzer / (10) SportsCenter (N)	SportsCenter (N)				SportsCenter (N)	SportsCenter (N)	
16	ESPN2	(30) Basketball Score.	NCAA Basketball	ACC Tournament (L)				UFC "Mauricio Rua vs. Jon Jones"		UFC "Trilogy: Liddell vs. Couture"	Now or Never (N)	NBA Basketball	
17	NICK	(31) The Loud House	The Loud House	The Loud House	The Loud House	Double Dare	Double Dare	To Be Announced			Friends	(35) Friends	
18	DISN	(32) Coop & Cami	Coop & Cami	Raven's Home	Raven's Home	Sydney to the Max	Coop & Cami	Raven's Home	Raven's Home	Sydney to the Max	Coop & Cami	Andi Mack	
19	FAM	(34) *** Willy Wonka and the Chocolate Factory (71, Family)	Peter Ostrum, Jack Albertson, Gene Wilder.	*** Ratatouille (2007, Family)	Voices of Patton Oswalt, John Ratzenberger, Brad Garrett.							Sydney Max	
20	FMC	(35) Movie	*** Miss Peregrine's Home for Peculiar Children (16)	Asa Butterfield, Chris O'Dowd, Eva Green.	(10) **** A Good Day to Die Hard (13)	Jai Courtney, Bruce Willis.	(05) A Good Day to Die Hard						
21	LIFE	(36) Celebrity Wife Swap	Celeb Wife "Vince Neil/ Gunnar Nelson"	Wife Sw. "Cloris Leachman/ Pia Zadora"		Project Runway: All Stars (N)						Celebrity Wife Swap	
22	ROOT	(38) Mariners Access	MLB Baseball	Spring Training San Francisco Giants vs. Seattle Mariners Site: Peoria Stadium -- Peoria, Ariz. (L)			Mariners Access					Mariners	
23	FS1	(39) Big East Bridge	NCAA Basketball	Big East Tournament (L)		Inside PBC Boxing		PBC Pay-Per-View Press Conference	Fair Game		NCAA Basketball	Big East Tournament	
24	SPIKE	(43) Mom	Mom	Mom	Mom	*** Forrest Gump (1994, Comedy/Drama)	Sally Field, Gary Sinise, Tom Hanks.					Forrest Gump (94)	
25	COM	(44) (15) South Park	(50) South Park	"The Ring"	(25) South Park	South Park	South Park	South Park	South Park	South Park	South Park	The Daily Show (N)	
26	HIST	(45) Forged in Fire "The Naval Cutlass"	Forged in Fire "Wind and Fire Wheels"	Forged in Fire "The Falcata"	Forged in Fire "Barbarian Sword" (N)	(05) Forged/Fire "The Hussar Saber" (N)	(05) Knight Fight (N)						
27	A&E	(46) Storage Wars	Storage Wars	Zombie Flip. "The Smell of Money"	Zombie "Blood, Sweetbriar, and Tears"	Zombie "The School House" (SP) (N)	Tiny House "Tiny Forever After" (SP) (N)	(05) Tiny House Nation					
28	TLC	(47) My 600-lb Life "Destinee's Story"			My 600-lb Life "Jeanne's Story" Jeanne has several obstacles before surgery. (N)	Family by the Ton (N)						My 600-lb Life "Randy's Story"	
29	DISC	(48) Moonshiner "Mobile Moonshine Madness"	Moonshiners "100 Proof Heritage" (N)	Moonshiners "Unfinished Business" (N)	Moonshiners "Appalachian Inheritance"	Mark Rogers uses backwoods justice. (N)	(05) Moonshiners "Tale of Tickle"						
30	NGEO	(49) Drugs, Inc. "Cokeland"	Drugs, Inc. "Jailhouse Junkies"	Drugs, Inc. "Alaska Heroin Rush"	Drugs, Inc. "Gin and Juiced" (N)							Drugs, Inc. "Alaska Heroin Rush"	
31	TNT	(50) (5:30) Supernatural	*** Walking Tall (04) Dwayne "The Rock" Johnson.	Central Intelligence (2016, Comedy) Kevin Hart, Amy Ryan, Dwayne Johnson.		Drop the Mic	The Joker's Wild	Central Intelligence	Dwayne Johnson.				
32	AMC	(51) (5:00) ** National Treasure (04, Adv) Diane Kruger, Justin Bartha, Nicolas Cage.	*** The Godfather II (1974, Drama) Robert De Niro, Robert Duvall, Al Pacino.										
33	USA	(52) Law & Order: S.V.U. "Annihilated"	Law & Order: S.V.U. "Pretend"	Law & Order: S.V.U. "No Good Reason"	Law&Order: SVU "Send in the Clowns"	Law & Order: S.V.U. "Flight Risk"	Modern Family	Modern Family					
34	FOOD	(53) Guy's Grocery Games	Guy's Grocery Games "Pizza Masters"	Guy's Game "Supermarket Rematches"	Guy's Game "Five-Dollar Dishes" (N)	Guy's Game "Super Spicy Superstars"	Guy's Grocery Games "GGG vs. DDD"						
35	HGTV	(54) Property Bros. "Cool Under Pressure"	Property "Floored by the Renovation"	Property "Making Their House a Home"	Property Bros. "From Fault to Vault" (N)	House Hunters (N)	House Hunters (N)						
36	FX	(56) (5:00) *** Mission: Impossible - Ghost Protocol (11) Tom Cruise.	*** White House Down (2013, Action) Jamie Foxx, Maggie Gyllenhaal, Channing Tatum.										
37	CNN	(57) Cuomo Prime Time	CNN Tonight With Don Lemon	CNN Tonight With Don Lemon	Anderson Cooper 360	Cuomo Prime Time	CNN Tonight With Don Lemon						
38	FNC	(58) Hannity	The Ingraham Angle	Fox News @ Night	Tucker Carlson Tonight	Hannity	The Ingraham Angle						
39	CNBC	(61) Deal or No Deal "Mile-high Millionaire" (N)	Deal or No Deal "Flying High"	Deal or No Deal	Deal or No Deal "Mile-high Millionaire"	No Deal "My Big Fat Greek Game Show"	Paid Program	Paid Program					
40	BRAV	(63) Real Housewives "Reunion Part 2" 2/3	Real Housewives "Reunion Part 3" 3/3	Housewives "Divided, They Summer"									
41	TCM	(64) Movie	(45) *** Hawaii (1966, Drama) Max Von Sydow, Richard Harris, Julie Andrews.			(45) *** Inn of the Sixth Happiness (1958, Drama) Curt Jurgens, Robert Donat, Ingrid Bergman.							
42	SYFY	(65) Movie	*** The Fifth Element (1997, Sci-Fi) Milla Jovovich, Gary Oldman, Bruce Willis.			Magicians "Home Improvement" (N)	D. Class "Kids of the Black Hole" (N)	Alien News (N)	The Fifth Element				
43	RFD	(162) Dude Ranch	Cowboy (N)	Women's Rodeo	Equestrian Nation	Total Team Roping	Rural Eve. News	WesternSport	Cash Cowboys	Dude Ranch	Cowboy Moments	Product Showcase	

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