

The NEW HAMPSHIRE

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Durham residents put “Frost Fest” on thin ice

By Benjamin Strawbridge
STAFF WRITER

The Durham Town Council meeting on Monday, Nov. 18 received an icy reception to its plans to revamp the town’s “Annual Tree Lighting Ceremony” as a “Frost Fest” from many of its own residents, with some arguing that the council’s push for a seemingly more inclusive event could backfire by deemphasizing long-time Christmas-based traditions.

An editorial from Town Administrator Todd Selig, read by Council Chair Kitty Marple, set the stage for the night’s public comments segment, stating that Durham, like other communities, has to deal with difficult issues, but that a “critical and sustainable component of successfully addressing these issues” is a civil and peaceful discussion as opposed to enraging and provoking

back-and-forths.

“Residents are, therefore, encouraged to be thoughtful in their feedback, to treat one another with respect, to try to listen, as well as to convey, and to be willing at times to accept some measure of compromise to meet the collective needs of the community,” Selig’s editorial added.

As attendees began to make their case at the podium, most opposed the town’s revisions to the yearly event, with the most common argument being that the council’s interpretation of a more diverse occasion would result in a mere “tolerance” of some traditions compared to others, a claim made by citizens such as Jennifer Burns, who also serves as a high school counselor outside of Durham.

“I chose to move to Durham because I firmly believe in inclusivity and I firmly believe in everything Durham stands for,” Burns said, “and that’s kind of

why I told my husband, ‘this is where I want to live, this is where I want my hometown to be.’”

Burns said that her major concern stemmed from her belief that communities should go beyond “tolerating our differences” and celebrate them for why and how they are different instead, and that the event runs the risk of falling into a “tolerance trap” by muting traditional Christmas aspects of the event, such as the tree-lighting and the arrival of Santa Claus, by simply “tolerating” them over other holidays instead of celebrating all holidays equally.

“It’s not enough to just say, ‘I’m okay with who you are.’ You should be celebrating how that person is different,” she said. “... their difference is a good thing to bring in.”

Others, meanwhile, expressed more critical jabs at the new event, with resident John Kraus calling the event a “Frost

Farce” and the committee’s handling of the event a “colossal failure of imagination,” as well as a “backdoor endorsement of a bad idea” that could “ignite a firestorm of unhappiness among Durham citizens at large.”

Kraus urged the council to put events like the “Frost Fest” through the Durham electorate to decide upon instead of through a “disengaged council,” concluding his argument by reading his last point while playing an 8-bit Christmas melody through his themed-tie.

“Where is the Durham business community in this ‘Frost Fiasco’” he asked. “Surely, they will hurt when citizens choose to go elsewhere for a real Christmas celebration.”

Bruce McKenzie, a five-year resident of Durham, served as the producer of the National Tree Lighting ceremony at the National Mall in Washington, D.C., overseeing the event for both the

tail-end of the George W. Bush administration and the first term of Barack Obama’s presidency.

McKenzie told the council that, in his six years as producer, “the president of the United States flipped the light on for the tree” and there “was never any issue.” In Durham’s case, however, he echoed previous concerns of inclusivity through exclusivity of Christmas-specific elements.

“On the National Mall, there’s a menorah, there’s a Kwanzaa firepit, and there’s a Christmas tree, and everyone gets along and it’s all inclusive,” he said as he compared his experiences to Durham’s. “When I just heard mention of the menorah [earlier in the meeting], if a rabbi came to the town and said ‘gee, we’d like equal time, we want to have a menorah,’ I think the answer is, ‘great, let’s put a menorah

Frost
continued on page 3

Research professor discusses DOE grant-funded project

By Jenna O’del
STAFF WRITER

Dr. Michael Swack, a University of New Hampshire (UNH) research professor both in the Carsey School of Public Policy and the Peter T. Paul College of Business and Economics, and the director of the Center for Impact Finance, may be the next recipient of a large grant. Swack is set to receive \$1.2 million, according to the Union Leader.

The U.S. Department of Energy (DOE) is funding the grant, Swack said, and the project proposed relates to his past work, including his work as the director of the Carsey School’s Center for Impact Finance.

“The Center [for Impact Finance] works with a range of community organizations, banks, government agencies, foundations, and our main goal is to try and look at how to increase access to capital for individuals and communities that are low to moderate income,” he said.

Capital refers to how much money an individual or organization has that can be used to fund something, and which the Center has focused on “for mortgage financing in poor communities, or access to small business loans, minority businesses, community health centers; a whole range of community development type ac-

tivities.”

Swack spoke of the Center’s work with the New Hampshire Community Loan Fund, a non-profit based in Concord and serves the entire state of New Hampshire.

“We’ve worked with hospitals and universities on how they can use their endowment money, which usually goes into pretty conventional [applications] to invest in their own communities,” one university is UNH, he said.

“The community loan fund makes loans to low-and-moderate income communities,” Swack said, adding that loans have been for purposes such as affordable housing, which helps the financial health of a low-income community as well as physical health—good housing benefits the health of people in that housing, which encourages local hospitals to invest in the fund, he explained.

“We help [large institutions] figure out how they can make an investment in the community loan fund” and “direct their investment towards the communities in which they’re located,” he said.

For the project with the DOE, Swack and a fellow colleague at the Center for Impact Finance, Senior Research Fellow Eric Hangen, came together to combine this focus on low and moderate income communities with Hangen’s past experience with solar projects—solar proj-

ects involving solar energy, installation, and use, into writing a proposal in response to a request from the DOE early this year.

“It was a competitive process,” Swack said, adding that the request was for any entity, not just universities, interested in completing a project involving solar energy. “[The DOE’s] goal was to make grants to organizations that would make solar more accessible.”

For Swack and Hangen, their project focuses on “training these community development financial institutions...[to] make loans for solar energy arrays and equipment to make loans available to people who are of modest income, who generally can’t afford solar because they can’t afford the upfront costs.”

Solar energy has long held a large “upfront cost,” which has made installation effectively prohibitive to many, despite the rather low, and sometimes even lucrative, cost of using solar than other conventional types of energy once installation is complete.

The cost of installing solar energy is even more prohibitive for those in lower income communities because “they can’t get access to credit because they may not have good credit scores, or

Grant
continued on page 3

Great American Smokeout



Photo courtesy of Sadie Burgess

By Sadie Burgess
CONTRIBUTING
WRITER

The American Cancer Society Cancer Action Network (ACS CAN), a student organization at the University of New Hampshire (UNH), raised awareness about the dangers of smoking and vaping to celebrate the Great American Smokeout on campus.

The organization, formerly named Relay For Life, set up a table in Union Court, a popular lunch spot inside UNH’s student building, during the busiest hours. The focus of the table was a large poster titled “Don’t Be an ASH. SUPPORT THE GREAT AMERICAN SMOKE-OUT!” The Great American Smoke-Out is held on the third Thursday of November and is dedicated to inspiring

smokers to quit.

Mackenzie Nicholson, the New Hampshire grass-roots manager of ACS CAN, described the Great American Smokeout as “an opportunity to have people start their journey towards a smoke free life.”

Nicholson said that vaping has been a concern of the Great American Smokeout for the past four years as an “e-cigarette epidemic in New Hampshire” developed.

Cigarettes, Juul pods and a full Juul decorated the poster. These items were collected around the UNH campus by members of ACS CAN, Alexis Goldstein and Jenna Barrows. Goldstein said that the Juul was given to them by someone who wanted to quit

Smokeout
continued on page 3

SpaceX hires SEDS
chairman from UNH

5

Durham tobacco
ordinance in effect

6

Vinyl / Marathon
weeks at WUNH

13/15

Editorial: Looking
back at every year
this decade

19

Liam Blackburn
scores two vs.
Princeton

24



The NEW HAMPSHIRE

est. 1911

INDEX*

Charlee the comfort dog comes to UNH Police



9

The University of New Hampshire Police Department has brought on a new employee- Charlee the golden lab- via Hero Pups.

Sen. Cory Booker (D- NJ) returns to UNH



11

Democratic presidential candidate Cory Booker held a campaign rally on Friday, Nov. 22 at Huddleston Hall.

Wildcat Transit findings:
Each route's best
bookstores

*Staff writer Jenna O'del reviews
the best bookstores along each
UNH bus route.*



7

UNH men's soccer
season comes to an end

*Men's soccer's season came to a
disappointing close on Sunday,
Nov. 24 with a crushing 4-1 loss
to No. 10-ranked Virginia in the
NCAA tournament.*

23

What's the Weather?

Dec. 5

41/21
Mostly Cloudy

Dec. 6

36/18
Snow

Dec. 7

28/9
Sunny

Dec. 8

30/25
Mostly Sunny

Dec. 9

47/42
Rain

Dec. 10

53/32
Rain

Dec. 11

37/17
Snow

Weather according to weather.com

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2020

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new content
daily at

TNHdigital.com

Frost

continued from page 1

in; you want a Kwanzaa pit, let's put a Kwanzaa pit in, because we want to be all inclusive. Let's not take away what already exists and works for the town."

McKenzie also recalled how, in order to display Santa's Workshop at the National Mall, the display had to be approved by Congress, the White House and the National Parks agency.

"In my mind, if it's good enough to do a Christmas tree lighting, named the Christmas Tree Lighting, in Washington, D.C., it's good enough to do the same thing in Durham, New Hampshire..." he said.

Despite the council's desire for a "civil" discussion, resident William Hall brought charged critiques of the council to his time at the podium, as he not only critiqued the council's dropping the wreaths from the street lamps, but also attacks on the council on the

whole for other issues as well. Tensions reached a high point from the start, when Hall blasted the council for its handling of a collection of recently-installed signs on Bagdad Road, saying that it would be an easier process to remove the signs, based in concrete and bolts, than what Selig had originally described.

Following Hall was resident Kathy Brunet, who voiced one of the night's few praises for the event and said she wanted to "thank you for the efforts you made to make Durham a more welcoming place" despite negative reception to the council's changes to the event.

Brunet stressed that Durham's push for inclusivity and diversity plays a role in people coming from around the nation and the world to visit, live and study in Durham despite public rebuffing to the event from both real life and online.

"Some of the comments [on social media] I've seen are that

'oh my god, what's going to happen to the children, the poor children of Durham? Their Christmas will be ruined,'" she said. "And I say...that the children of Durham are resilient, and we can handle this." She added that the event could serve as a "teaching moment" for long-time residents and visitors alike about the importance of diversity in holiday celebrations.

Beyond the forum, however, some residents still feel wary about the prospect of Durham diminishing traditional elements.

"The idea of replacing decorations [like wreaths] for the holidays just because some folks think wreaths might be less inclusive, I think that's a huge mistake," resident Stephanie Graham said outside the council room. "From the people I know and my own family experience, hardship, and trying to cover our taxes to stay in Durham...the idea of spending thousands of dollars replacing good decorations with different deco-

rations is not acceptable to me." Graham pointed to rising college tuition costs at colleges like UNH as her example as to why the extra costs do not add up in her mind.

Hall told *The New Hampshire* following the public comments segment that the council's connecting of the Christmas tree and similar elements to religions like Christianity and then downplaying those elements in favor of other celebrations goes against cases like *Lynch v. Donnelly*, where the Supreme Court ruled in 1984 that items like Christmas trees and Santa Claus had lost their religion-exclusive status.

"I feel that whatever the Supreme Court decided, we should be following, and if that says light a tree and wreaths, by all means, light a tree and [hang] wreaths, and who are these people to start pushing around and saying we can't do that," he said. "Now, if last year, they wanted to put up a nine-foot menorah and I said, 'no, we aren't doing that...anymore..."

we'll put up a nine-foot cross...' [then] we would start getting into issues that are difficult to deal with; so let's just keep it basic and do what's legal and quit trying to push the other 10,000 people in town around."

McKenzie also expressed disappointment with the decision outside the meeting, adding that now comes the moment when they will try and cement their public reasoning for the event and try to convince a divided town as to why the new "Frost Fest" can and could work.

"I think if they really were courageous, they'd say, 'you know what, maybe we moved a little too quickly on this, we're going to go back 100 percent to what's worked and been tradition for decades, and instead of taking something away, we're going to do is keep what works and add to it rather than change it all together.'" he told *The New Hampshire*. "That's my opinion."

Smokeout

continued from page 1

vaping.

Goldstein also talked about the dangers of vaping. She said that "the scary part" is how little anyone knows about the long-term effects of vaping.

"It's getting out of control and we don't even realize [...] even the people involved don't realize," Barrows said.

The poster at the table stated statistics about smoking and vaping, such as "People who smoke can lose 10-plus years of their life" and "Smoking cigarettes kills more Americans than alcohol, HIV, car accidents, guns, and illegal guns COMBINED." The benefits of quitting smoking were also included in the poster, stating statistics such as "20 minutes after

quitting your heart rate and blood pressure drop" and "The risk of heart disease decreases by half after a year of quitting smoking."

Petitions to raise the tobacco purchasing age from 18 to 21 in New Hampshire were also available for students to sign at ACS CAN's table. The petition flyers read "Protect New Hampshire kids from the health risks of tobacco."

ACS CAN states that they are a "nonprofit, nonpartisan advocacy affiliate of the American Cancer Society," promote "evidence-based policy and legislative solutions designed to eliminate cancer as a major health problem," and work "to encourage elected officials and candidates to make cancer a top national priority."

Grant

continued from page 1

banks may not be interested in lending in those particular communities," Swack said. Credit is essential to get a loan.

To help more people install solar energy systems, Swack will use the funding from DOE "to develop a training program for these community financial institutions to understand how they can make loans...how to develop a loan program that would finance solar [and] how they would underwrite these loans," Swack said, explaining that underwriting is "determining what the risks are, and how to mitigate those risks."

The project will also help community financial institutions and those in low income communities learn how to market the solar lending products Swack's project will assist them in developing.

"The grant will allow us to do training for many of these financial institutions to develop a new product, a solar lending product, and then to actually help them access funds to do that," Swack said. This training will come as online training modules. "We'll work with [the institutions] to understand what are the challenges that they face with low income solar lending, and help them de-

velop products...to facilitate their entry into the market for lending for solar products."

To provide the needed funds for these products, Swack's team will "identify investors and institutions to grow the funds available"—raise capital—"to lend to these community development institutions to ultimately lend to borrowers for solar installations."

Yet, Swack has not been officially awarded the grant. Though DOE wishes to fund Swack's project, the team and DOE are in "the negotiation phase," Swack said, as DOE has not agreed to all the funding Swack and Hangen asked for.

"What they have decided to commit to us is about 20 percent less than our original budget. We have to negotiate what it is that we can and can't do with a budget that's 20 percent less than what we had proposed," Swack said. This has involved one past and many future conversations with the DOE by phone to work out the specifics of funding, such as the details of developing the training modules, the personnel on the project, and how exactly they intend to help the community institutions raise money.

Swack is optimistic, however, expecting that negotiation will be finished by Christmas. Once negotiations and related pa-

perwork are complete, the project will begin ideally soon after the new year.

"It'll start right away in terms of the development, [with] starting to develop the curriculum, and beginning to do outreach and marketing for what we'll be offering," Swack said. His team will focus on the online training modules at the start.

Once they start, his team will not just work on the project without any insight from DOE. Swack explained this is because this project is not exactly a grant in a grant's standard definition, rather a "cooperative agreement."

"...In a sense they're our partner throughout this program...they remain a partner throughout the process in terms of discussions, and goals, and outcomes." Typically, organizations and agencies that award grants have no active role in the projects they fund.

Whether there will be opportunities for undergraduate or graduate students to get involved with the project still has to be negotiated, Swack said. If student funding is approved, Swack said that opportunities may come in the form of an internship and focus on the online training modules. Swack hopes for student involvement: "We would like to [have students]."

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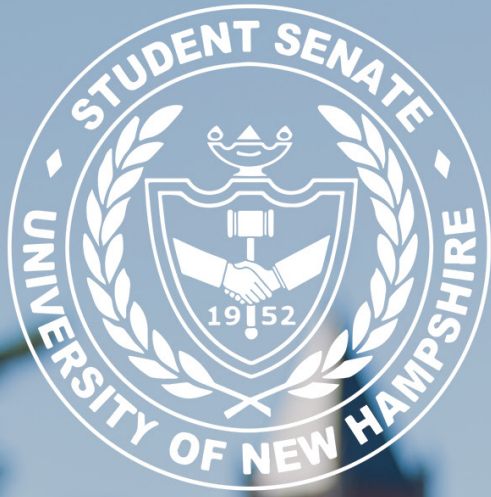
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UPDATE

WITH BENJAMIN STRAWBRIDGE

Following a botched first half of its yearly budget discussions due to technical fouls, the Student Senate scored a successful second half on Sunday, Nov. 24 as it passed the remaining Student Activity Fee (SAF) organization proposals without fail, on top of the passing of new legislation urging renewed action on the inclusion of American Sign Language (ASL) as a language capable for fulfilling student foreign language requirements, among other business.

The previous meeting saw the body only able to pass the FY21 budget proposals for the Campus Activity Board (CAB) and Diversity Support Coalition (DSC) before finding themselves with the incorrect versions of budgets for organizations including Mask and Dagger and the Memorial Union Student Organization (MUSO) due to errors with their Box cloud-storage account. After multiple delays and a brief recess during the MUSO discussion, the Senate postponed all budget legislation until this week as they set out to find the correct files.

Due to last week's technical difficulties, the Senate deliberated the remaining budgets all in a row that Sunday, starting with Mask and Dagger. As the organization's business manager Haley Demers attempted to explain the week before, this year presented major changes to their finances and structure, such as general stipend decreases by \$250 and a complete reformatting of its show schedule from one large and two medium shows a year to two large shows a year. Demers said the changes come in anticipation of a nearly all-new executive board for the following academic year, as well as due to a current director shortage. It also, per Demers, increased its side-project budget to potentially allow for more smaller, cabaret-type events over the course of the year. The budget passed the Senate unanimously.

In its own redo of last week's presentation, a proxy for MUSO Business Manager Olivia Ucci said that its FY21 budget included significant modifications to its music series; these included a decrease in the price of its Open Mic series due to reduced costs and a financial influx towards the music series and away from its Arts and Lectures series due to the former category's popularity. The proxy added that the proposal also included stipend cuts across the board. The MUSO budget ultimately passed the body unanimously.

As the first new budget – and the newest potential SAFO – of the night, the Meeple Tabletop

Gaming Syndicate, represented by a proxy for its president Elizabeth Orput, showcased a budget that highlighted its two major events of the year: the Fall and Spring Syndicons, the organization's semesterly all-day gaming events open to all UNH students and local community members. When asked by Sen. Lucas Blood (Scott) why the Spring Syndicon, valued at \$350, cost more than the Fall Syndicon, valued at \$250, the proxy replied that the Spring Syndicon is typically held on both a Saturday and a Sunday that semester, compared to just one Saturday for the fall event. They also cited increased attendance for the Spring Syndicon as a reason for the higher price. The Meeple budget passed unanimously.

Following Meeple was the New Hampshire Outing Club, whose budget proposal, according to Business Manager Matt Clarke, featured the biggest changes concerning officer stipends and programming costs. The former category saw stipends decrease overall from \$2,200 in FY20 to \$1,700, while the latter witnessed a programming cut from \$61,700 to \$60,080 and an equipment cut from \$16,100 to \$15,900. When asked by former Sen. Yuri Makar (Peterson) about the seemingly large \$25,500 value of the organization's "Vans/Air/Train Transportation" line and why all transportation items were combined despite "varying costs" for each, Clarke replied that they made the move to make the budget "easier to understand" and due to the varying nature of each mode of transportation for different trips taken throughout the year. Clarke added that most of the club's transportation centers around vans compared to air and train travel. The budget proposal ultimately passed the body unanimously.

The Organic Gardening Club (OGC) saw its biggest changes in officer stipends, which decreased from \$1,450 in FY20 to \$850 for FY21. Programming costs also saw a \$200 dip to \$4,600, while student hourly costs, which concerned hourly and weekly pay for two farm managers and two farm hands, remained stagnant at \$15,200 total between both years. The budget passed the Senate unanimously.

Serving as a slight detour from the organizational budget talk, the body also deliberated on the FY21 budget for the Organization Resource Fund (ORF), which saw its "Programs" line rise from \$100,000 last year to \$115,000 this year, counteracted by a \$1,000 dip in its "Publications" line for a total of \$4,000 and a \$5,000 de-

crease in "Student Travel" costs, which now cost \$10,000 for FY21. When asked by Makar whether the ORF's new, larger SAF subsidy of \$128,000 would result in it being more "liberal" in giving out higher funds to student organizations, Student Activity Fee Committee (SAFC) Chair Gareth Jones downplayed the increase, stressing that with the larger budget also comes an increased "overall use of those funds" and that the responsibility for allocating funds rests in the hands of next year's SAFC membership. The ORF proposal passed the body unanimously.

Student organizations returned to the budget spotlight starting with the Student Committee On Popular Entertainment (SCOPE). Business Manager Eric Kalton showcased a \$10,000 increase in its "General Revenues" line; a minor \$200 decrease in its stipends line; and, perhaps most significantly, a \$2,500 drop in its "Programming" line, thanks to a decrease in its Promotions/Advertising budget. The SCOPE budget proposal ultimately passed the Senate unanimously.

The body itself also managed to pass its own FY21 budget on Sunday, which most notably featured stipend decreases across the board, as well as the removal of the senior policy advisor's stipend due to a lack of "work given to the position," which Jonathan Merheb said is currently not "fully utilized." The current senior policy advisor is Evan MacHenry. The budget also merged the "Merchandise" and "Public Relations" lines and discontinued its active shooter training, spring orientation and legal training programming due to low popularity.

Slow Food UNH's budget followed the Senate's, which featured drastic changes to the organization's programming, including the end of its Maplefest, "Fall Events" and "Spring Events;" a portion of the money from those events was redirected into a new line dedicated to Jukebox, U-Day, Solarfest and other collaborative events. The proposal also included a stipend decrease of \$200 from the Outreach/Event Coordinator position following a merger of the two positions. The budget ultimately passed the body unanimously.

The New Hampshire and WUNH-FM served as the last budgets of the night. *The New Hampshire* showcased a \$10,000 drop in advertising revenue, a nearly \$3,000 decrease in officer stipends and a \$4,800 dip in production costs for FY21. WUNH, meanwhile, witnessed a \$3,000 rise in general revenues, a \$4,000

upturn in total revenue, and a \$100 increase for the station's music director, among other alterations for FY21. Both budgets passed unanimously.

Underlining the budget discussion was a bill, introduced by SAFC Chair Jones, that recommended increasing the student activity fee to \$93 per eligible undergraduate student for the next academic year. When Speaker Nicholas LaCourse asked Blood whether he was confident that UNH would increase the fee to \$93, Blood called the 4.5 percent uptick "steep" and expressed concern that UNH would not raise the fee more than 2.5 percent, a value based on past talks between him and other members of UNH administration and Senate.

Jones added that the \$93 fee was inspired by projected downturns in student enrollment at UNH, resulting in \$66,000 already being cut from the SAFC budget at this point. Jones said he has previously stressed to members of UNH administration SAFC's desire to raise the fee to \$93, complicated by UNH President James W. Dean, Jr.'s aim to hold fees flat for next year to keep tuition costs at bay. Despite this, however, Jones expressed confidence that SAFC would be able to negotiate a higher SAF, even if not the recommended \$93.

The SAF bill ultimately passed the body unanimously.

On the subject of resolutions, one previously introduced resolution was present on Sunday. The motion in question – R.41.12, entitled "Urging American Sign Language to Fulfill Foreign Language Requirements" and introduced by former Sen. Makar – urged the Faculty Senate and UNH administration to implement previous resolution 40.31 and permit American Sign Language (ASL) to fulfill foreign language requirements for all Bachelor of Arts (BA) programs, as well as encourage UNH to express increased support for the deaf and hard-of-hearing community through additional "collaborative programs and events."

The motion echoed Session 40's recommendations to approve ASL as capable of fulfilling foreign language requirements, arguing that, as of Fall 2019, a total of four BA programs allow ASL to fulfill such prerequisites. Sunday's motion also quoted R.40.31 directly, citing a passage that stressed the "positive impact" of learning a new language on the "acceptance of different cultures," such as the deaf community.

Sen. Meagan McLean (Non-Res. 4) voiced her support for

the motion after sharing her own experiences of using ASL to pass foreign language requirements in high school and being unable to do so at UNH due to the current policy.

"Sign language is its own language; it is not an extension of English," she said. "It has its own grammar, sentence structure, [and] you need to actually translate a sentence in sign language into English for it to make any proper sense. So, the fact that it isn't recognized as a different language from English is pretty troubling..."

R.41.12 ultimately passed the Senate unanimously.

The body also introduced a new resolution at its Nov. 24 meeting: R.41.24 – entitled "Mandating Compensation For UNH Tour Guides" and introduced by Student Body President Allison MacPhee – urged UNH's Office Admissions to financially compensate tour guides in order to "optimize" the Tour Guide Program and student involvement in it, as well as to reimagine the program, currently headed by Vice Provost for Enrollment Management Dr. Pelema Morrice, in order to better display UNH's "success in innovation."

The motion argued that the tour guide positions have yet to be paid as of Nov. 18, and said that paying the tour guides would sate the university's need to optimize "any opportunity to strengthen the University Brand" through students' experiences with the tour guides, as well as students' hope that paid positions would improve the guides' performances. The motion, which was ultimately remanded to the academic affairs chair for further review, also referenced R.39.08, which also asked for tour guides to be financially compensated two years prior.

In other business, the Senate removed former Sens. Grace McNally (Handler 2, Co-1) and Hannah Flaherty (Minis) for not "fulfilling their duties," while Executive Officer Annah Santarosa announced that former Sen. Makar had resigned the previous Tuesday, Nov. 19, from the body due to undisclosed circumstances. Additional losses included Sen. McLean of the Financial Affairs Committee (FAC) and Sen. Madeline Strange (Handler 1) and Community Development Council Chair Elza Brechbuhl of the Election Committee; First Year Representative Hannah Falcone later joined the Election Committee.

Following the remanding of R.41.24, the Senate ultimately adjourned at 8:21 p.m.

UNH senior slated to work for SpaceX

By Shawn Latulippe
STAFF WRITER

University of New Hampshire (UNH) senior mechanical engineering major Charlie Nitschelm applied again and again to his dream job at SpaceX, but received an automatic rejection every time he applied. He didn't let this stop him, and he kept applying and working hard on building a rocket with his team, the UNH student-led nonprofit Students for the Exploration and Development of Space (SEDS).

Now, in addition to leading SEDS, he got personally hired at SpaceX by the company's founder and CEO, Elon Musk.

In his third year at UNH, Nitschelm applied for the Matthew Isakowitz Fellowship Program that connects current college juniors, seniors and graduate students with paid summer internships in the field of commercial spaceflight—he got the fellowship. He was connected with an internship at Rocket Lab, a private American aerospace manufacturer and smallsat launch service provider in California this past summer.

"Aerospace is very difficult, especially commercial space, to get into," Nitschelm said. "It's very competitive and a lot of the engineers want to work in it, because honestly it's so exciting, so it's very competitive."

On July 25 he took a day off at his internship at Rocket Lab to attend the Matthew Isakowitz Fellowship Program summit with 24 other fellows, where people from the Aerospace Corporation, Boeing, Virgin Orbit, SpaceX and other companies participated in networking, debates, competitions and discussions between fellows and space industry experts.

This is where Nitschelm met Musk.

Nitschelm said about himself and the other fellows, "we're all just nerds for Elon Musk."

When Nitschelm and the other fellows met Musk, he said, "he came in and we were all stunned like, 'oh this is actually him, we can see him in real life.' So, we started asking him questions."

"... you're a very specific person with very concentrated

dreams and those dreams, your dreams, are very long-term, some can be decades, even centuries, to really reach what you're looking for. What are you doing to make sure after you're gone it doesn't pivot and change, so it's guided after you're gone?" Nitschelm said he asked Musk, adding that Musk danced around the question because it was a difficult one and he still has a lot of years left.

After they took pictures, Musk left and Nitschelm and the others started to go over to Boeing.

"And then suddenly his assistant came up to me and goes, 'are you Charlie?' And I go, 'yeah I'm Charlie,'" he said. Then the assistant said, "Elon wants to talk to you." Nitschelm said he didn't know what to say as the assistant walked him over to Musk's office and told him that "he [Musk] doesn't usually do this."

When Nitschelm turned the corner, Musk was there.

"I was ready, I've been wanting to talk to him and be able to understand him a little more than his personality online," Nitschelm said. They talked about basic manufacturing, SpaceX, Tesla, the future and why Nitschelm hadn't worked at SpaceX for an internship. Nitschelm explained that he got auto-denied every time. Musk then forwarded him to a recruiter and after a long interview process, Nitschelm was hired.

Nitschelm founded SEDS at UNH in the second semester of his first year after seeing a YouTube video of SpaceX's Falcon 9 booster landing on a "drone ship on basically a needle in the middle of the ocean."

"When I saw that, that was not only inspiring but instantly told me what I wanted to do," he said.

Nitschelm is the president of SEDS and the propulsion team lead of the rocket team. There are 30 students in SEDS — half of them are seniors, half are undergrads. Nitschelm said one of the things that makes SEDS special is that it's not just a team of seniors or graduate students, but includes first, second and third-year students as well.

"You need to have undergrads, someone to carry the torch after you're gone," he said.

Next semester he said he will be handing over more responsibility to the underclassman so that when he and the other seniors leave, they will be prepared to be on their own and be leaders of the club.

The rocket team went to SpaceVision, the annual national conference for SEDS this November at Arizona State University; where Nitschelm was elected as the chair of the entirety of SEDS USA. There were many panels, workshops and networking there. During the STEAM fair event, UNH had two booths presenting their work on Usurper, UNH's experimental hybrid rocket and QuadSats, a method for testing satellite data recording using quadcopters, according to the UNH SEDS blog on Nov. 11.

Nitschelm said whenever they have a problem, "it's important to start from the fundamental laws, what is the point of this part, what does it need to do and what guides it, what's the fundamental equations that define it? So, starting from that background physics is really important."

The team is currently working on finalizing frame design as well as trying to get their hybrid rocket, Runaway, ready. They are also working on burst caps, which is a tool to ensure they have sufficient pressure and temperature in the engine before nitrous oxide, which is the oxidizer, flows through the chamber. They are working on testing all of those to be proof tested to 150 Psi and after that in the beginning of next week they are hoping to do their hot fire, where they test the rocket.

The SEDS team got into the SpacePort America Cup, which is a competition in New Mexico this upcoming June. America Cup requires the team to build a hybrid rocket, which they're doing right now, using the rocket to get to 10,000 feet. Nitschelm said that he'll do the competition with his team then go to Los Angeles to start his job at SpaceX.

Silas Johnson, a senior mechanical engineering major and the operations lead of SEDS, said that he got involved with SEDS during his second year at UNH. After he graduates, he is excited to work with the Missile Defense Agency in the United States De-

partment of Defense.

"It's a good way to get involved," Johnson said about SEDS. "We've met a lot of people and made a lot of friends through it." He said SpaceVision was a great opportunity to hear from lots of engineers in similar positions that their team is in.

"It's cool to hear their perspective and where to take things in the next few years," said Johnson, who manages the planning of SEDS' rocket tests. Johnson talked about the UNH-owned sandpit in Lee where they have coordinated with UNH police and risk management fire. They always have a police officer with them to make sure everything is safe. "If you like things that go fast, rockets, it's pretty fun to get involved with, especially because we take all ages, not just seniors," he added about the club.

"SpaceVision was a major event, just getting to meet a lot of people in the industry" and "being in New Hampshire there aren't a ton of aerospace opportunities, so this really helps," said Alice Wade, a first-year mechanical engineering major and a frame engineer and treasurer for SEDS.

UNH SEDS "is really kind of turning into a family of passionate students, because there is no aerospace engineering at UNH," Nitschelm said. A lot of engineers that work in aerospace engineering are mechanical engineers, "because rockets are mechanical, it's a mechanical part, it's a mechanical thing... you don't have to have an aerospace engineering program to get students to work at some of the most amazing companies in the world."

One of the most important things about SEDS according to Nitschelm is that everyone chooses to be there, and some of the members will spend 24 hours working on something.

"That passion is far more important than the school you go to," Nitschelm said, adding that the hardest part about SEDS isn't the engineering—it's the communication and team work, so that the team has "a common vision."

At a recent UNH SEDS meeting, they had three engineers from GE Aviation come in and talk to the club about job opportunities and what it's like work-

ing as an engineer in the aerospace field. The engineers also announced that GE Aviation was giving SEDS \$3,000. This means the club now has a total of about \$23,000 for this year. Last year they had \$5,000 and the year before that they had \$2,000.

Nitschelm's new role as the chair of SEDS USA is taking up more of his time so he has to make sure he doesn't overwork himself and still has a little free time but, "space always comes first."

Most people in the aerospace industry do it because they love it and want to make a change in the world.

"They don't want to figure out how to make a better button. They want to figure out how to get humans to Mars, they want to figure out how to advance new technology to make life better on Earth—and that's done via aerospace," he said. He believes that "by the time we're 50 or 60 we can go to the moon, pay for a ticket and go to the moon."

He thinks in 20 years we will have the first person on Mars.

"There's literally hundreds of things we haven't figured out yet," Nitschelm said. "When you need to figure that stuff out, especially things that are really cool, you grab the best engineers and you figure them out," he said.

New technologies that they will create to go to Mars will have a ripple effect and also help in other industries to make advanced technologies that will create better lives for all people, Nitschelm said.

"We learn from exploring new areas, being able to... see a new spot you've identified new things and you figure out new ways to survive in new environments," Nitschelm said. "If we didn't move, we'd still be stuck in, wherever, our first cave. Exploration is something that's super needed and space is the next frontier, to quote Star Trek. It really is."



Charlie Nitschelm (back row, middle) and UNH SEDS/Photo courtesy of UNH SEDS

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TINH

Durham's new ordinance places age restriction on tobacco sales

By Emily Duggan
NEWS EDITOR

Several students at the University of New Hampshire (UNH) said they would still vape, despite a new the Durham town ordinance that bans the sale of tobacco products to people under the age of 21.

The ordinance, which passed last week, was introduced in early October by Kenny Rotner, a family physician and council member. It specifically refers to the recently popular sales of “artificial cigarettes” – electronic devices used to inhale nicotine.

Durham introduced the ordinance in late August, around the same time that news of illnesses from vaping across the country. Vapers, many of whom are young adults, started to experience chest pain and coughing according many reports. But some students said that they will continue to use the products.

“I think the ordinance is childish,” senior chemical engineering major JT Couch said. “People come to college to live how they want to and limiting freedoms allow them to lash out more. You can’t tell someone they’re an adult and remove all the choices adults make.”

Couch started using a Juul device to vape nicotine about two years ago, after receiving a deal on the product from a local convenience store. He said that he has become “immune” to the effects of vaping, like the “buzz” that he reported feeling from the nicotine aspect, but still enjoys doing it.

A Juul is the most popular vaping product, according to the New York Times, and it contains five ingredients in comparison to cigarettes’ 7000, 60 of which are known to directly cause cancer. Each “pod” contains at least 40mg of nicotine, cited by Juul’s website, and now offers three flavors -- their fruity flavors and mint flavor were recently banned in attempt across the country to get the vape out of high schooler’s hands.

“Many people get into using Juul because of the buzz they feel after hitting it,” Couch said. “But regular users haven’t felt the same buzz in some time because their tolerance won’t allow them to feel it any longer, so they push it [the nicotine] to the advantage.”

It has been debated by experts on whether nicotine or marijuana vaping products are at the center of the epidemic’s reported illnesses, but the New York Times revealed in a Nov. 8 report that 86 percent of the 2000 people that experienced the illness were vaping marijuana, otherwise known as THC. The cartridges contained a common ingredient, vitamin E, which is a substance used to “thicken” the THC. Instead, it ended up sticking to the user’s lungs, leading to the pains that they felt.

Center for Disease Control and Prevention (CDC) experts that were cited by the New York Times said that vitamin E is a “very strong culprit in injuries relating to vaping THC,” and studies still aren’t exactly sure about how nicotine vaping products effect a person’s body in terms of the illnesses, but Rotner still wants residents of Durham to realize that nicotine and “vaping is not as innocent” as it seems.

“Research shows that more people become addicted [to nicotine] in their early 20s,” he said. “Juul is targeting that in the market. We are seeing a rise in people in their early 20s getting addicted to nicotine again.”

Rotner, as a doctor, has had first-hand experience in trying helping people with their nicotine addictions, which he has explained as “almost harder [to do] than with opioids.”

“What vaping does that cigarettes don’t do is with a cigarette, you have a finite thing that you hold, smoke, and it gives you a finite dosage of nicotine,” he said. “It’s shown that with vaping cartridges, it’s equivalent to at least a pack of cigarettes or more, there isn’t a cut-off point. So, people are getting a higher and higher dose of

nicotine.”

The university is taking its own measures to stop students from vaping too. Most recently, as of last week, signs have popped up around the library and dining halls that urge students to text a number to help them “Quit Juul,” and refers to Health & Wellness’ website where students can make an appointment for plan to quit with a professional’s help.

“What many people do not know is that vaping is a ‘misnomer,’” she said. “There is no vapor (steam, heated water) in vape products. These products use aerosol and other toxic chemicals as a means for nicotine absorption by a human. Aerosol is known as a lung irritant. The chemicals have damaging and lasting health effects on the delicate structures of the lungs.

Nicotine, according to Nancy Bushinsky, a tobacco, alcohol and other drugs counselor/educator at Health & Wellness, also has an effect on the brain, especially for people under 21 where their brains are still developing. It can deregulate the production of dopamine and leave a physiological dependence on the drug. Bushinsky believes that education would be a big part of making the ordinance have an effect on the community.

“The policy needs to be enforced and surveilled especially for retail establishments that violate the ordinance and continue to sell to minors,” she said. “Education and access to resources for individuals that are already nicotine dependence and who already have a desire to quit, should be a part of the overall behavioral change strategy.”

Vaping is advertised as an alternative, or way to quit smoking cigarettes, according to Juul’s website, but Nicolle, a senior business student that didn’t want her last name used, said that she purchased one after going abroad and picking up the habit of smoking cigarettes.

“I was so used to the effects of nicotine and wanted to continue smoking but at a minimum,

so I chose to purchase a Juul,” she said, adding that she uses it almost every day and goes through about “a pack of pods a week.”

Other users of the product claim that students “can just go to another town,” in response to Durham’s ban, or the ban could lead to “illegal buying and selling,” like Emma Pryor-West, a sophomore political science and international affairs major said.

“I believe that students who were already addicted going through non-conventional buying methods would receive products that would inversely impact their health,” she said. “So, in short, it frankly bothered me that a minority was voting for the majority without even getting their point of view and not consider the methods of non-traditional transactions.”

Pryor-West, like the Office of the Student Body President (SBP) of UNH, disagreed that the town council didn’t “outline the time implication of the ordinance.” First-year representative for the SBP, Hannah Falcone, a recreational management policy major, said during the Nov. 4 council meeting that “the university is a large population that this will effect, and they haven’t been consulted with.”

This ordinance will also affect Durham business, Elite Vapor, managed by Jon, who didn’t want his last name used. He believes that raising the age to purchase tobacco to 19 instead of 21, would be more effective.

“I don’t think that would fully solve the problem,” he said. “But it would at least hamper access to kids in those environments, just because a lot of them can get them [vapes] from friends that are seniors in high school, but the 21 and plus, I feel like that more so hampers young adult’s abilities to make their own decisions.”

Jon has worked at Elite Vapor for about three years now, and the store has been in the Durham community since 2012. Most of their customers, according to him, are young adults in the area from UNH, Pease Air Force Base in

Portsmouth and tradesmen.

Since vaping has become a trend in the early 2010s, vape shops have popped up in large numbers around college towns, according to a study by Hongying Dai. Sixty-six percent of colleges have at least one shop within a three-mile radius. A quick Google search will show that Durham has seven shops within a 10-mile radius from campus.

“It would definitely hurt the business a little bit,” he said. “If UNH wasn’t in here, nobody would be in business, no one would be in Durham. I just rather they do a more common-sense regulation. The age limit to 19 would affect my business, but it wouldn’t harm it as much as a raise to 21 would.”

Jon stated that Elite Vapor is trying to phase out Juul devices, specifically after the flavor pods were banned by the FDA, and he believes that Juuls have been in the center of the epidemic’s illness-scare because they contain an ingredient that other vaping devices don’t, benzoic acid, which is used to get the high-amount of nicotine in the product, as said by Juul’s website.

Bushinsky added that if students are addicted to nicotine and want to quit, they can do so through Health & Wellness by making an appointment on either their website or by calling their number: (603) 862-9355

“We at Health & Wellness began an educational and awareness health campaign around harms associated with vaping and ways to quit or reduce nicotine use, specifically vaping or Juuling which is seeing a significant uptake in college student use,” Bushinsky said. “We want to make sure that students and community members at UNH who wish to make changes to reduce harm by their nicotine use are aware of the latest evidence-based cessation protocols.”

The ordinance is now fully in effect.

YDSA hosts rally in support of UNH lecturers

By James Varin
CONTRIBUTING
WRITER

The Young Democratic Socialists of America (YDSA) hosted a rally on Thursday, Nov. 21 advocating for University of New Hampshire (UNH) lecturers who have yet to receive updated contracts from the university. Students and faculty filled the Murkland Courtyard urging the university to find a solution between the two parties.

Approximately 50 supporters attended the rally, with several more continuously stopping through the courtyard to and from class. “I Support UNH Lecturers” shirts were worn by many and dozens held posters in support. Encouraging chants continuously broke out across the courtyard as the speaker was delivering their message.

The rally began with speakers from the organization taking turns

informing the attendees of basic facts and understanding of the lecturer position. The names of past and present lecturers who were affected by the contract dilemma were read, as well as the colleges they were in. The Japanese department was particularly emphasized, as it will be lost if a resolution for the contracts are not made. Later on, speakers read out quotes from UNH professors and lecturers expressing their thoughts. The professors emphasized the importance of the issue and that a solution needs to be addressed immediately.

“We want to send a message to UNH administration that students support their lecturers and believe they deserve a fair and secure contract befitting their centrality to the function of this university,” Will Hardesty-Dyck, UNH student and co-chair of the UNH YDSA, said. “We hope that administration comes to the bargaining table in good faith and respects lecturer demands.”

UNH lecturers teach about

50 percent of classes, according to an article published by NHPR. Lecturers are “teaching intensive positions” that focus on teaching information to a large group of undergraduate students. This position differs from other professors on campus, and are offered different, shorter contracts. The NHPR article mentions that lecturers have not received updated contracts since their last ones expired in June of 2017. A Nov. 21 Union Leader article states that the lecturers must live off the old contract until a new agreement is reached.

About 195 lecturers have been working without a contract for nearly two years, also according to the Union Leader. Hardesty-Dyck believes action is required immediately.

“The UNH student body needs to continue to pressure the administration to show all of its employees the respect that they deserve. We should not be cutting programs or letting talented teachers go,” he said.

UNH Sociology Professor Cliff Brown attended Thursday’s rally in support of his colleagues and students. He believes lecturers play a vital role in student success at UNH.

“Over time, they have become increasingly important to the institution’s ability to deliver a high quality student experience both in and out of the classroom,” Brown said. “Lecturer faculty not only teach courses. They also supervise independent studies, nominate students for awards, coordinate internships, lead study abroad programs and attend Commencement and Honors Convocation. They also direct and participate on critical committees, represent their departments on Faculty Senate, write letters of recommendation, and participate in key hiring decisions.”

According to Professor Brown, the uncertainty in job security can affect both lecturers and students.

“When the administration

decides not to renew a faculty member or eliminate a program, or when a lecturer takes a more secure job elsewhere, there are ripple effects that cannot be quantified,” said Brown. “Students who might come to UNH may choose other schools. Some may transfer. The absence of students, faculty, and learning opportunities that might otherwise be part of our community diminishes the UNH experience for those of us who remain.”

The YDSA will continue to fight for an agreement for UNH lecturers.

“UNH should be known as a university that values its faculty and staff, and we will continue to fight until administration does just that,” Hardesty-Dyck said. “Lecturers have direct, deep lasting impacts on UNH students and we heard just a fraction of those stories at Thursdays rally.”

His hope is that UNH will negotiate with the lecturers as soon as possible, resulting in a fair contract negotiation.

UNH Dining creates new weekend meal plan

By **Julia Stinneford**
STAFF WRITER

The University of New Hampshire's (UNH) Dining Services is now offering a new meal plan that only gives weekend access to the dining halls.

It will be a standard "unlimited" style meal plan that operates the same way as current unlimited dining plans, according to William McNamara, executive director of Hospitality Services on campus.

"It's unlimited access, with three guest passes," McNamara said. "It's Friday through Sunday, any hours that we're open."

The intention behind this new program is to provide weekend dining options to students who might have a reliable source of meals on weekdays, but not

on weekends—specifically, "students who live off-campus, more than likely in sororities or fraternities," McNamara said.

The "target market" is those who live in fraternity and sorority life housing, particularly those whose houses have a cook that works Monday through Friday. "But it is open to any commuter student or those in apartments," McNamara said.

The new meal plan was proposed by sorority and fraternity students that experience the issue of having a weekday cook and no meal plan for the weekends. McNamara said that the students brought it to the dining administration and the dining committee, who "listened to that feedback" and began considering how to implement the idea.

"We had to make sure the

system would allow for something like that," McNamara said.

The cost for the weekend meal plan will be \$923 for a semester. McNamara said that it was calculated by looking at the cost of the Core Plan (the most basic plan) and how many dining service days there are, which becomes the rate per day. Then they applied that number to just weekend days.

"We wanted to make sure that all of our pricing was consistent," McNamara said.

McNamara emphasized that this does not signify other large-scale change for the dining halls.

"We've had some people say, 'Oh, is Stillings now going to be open more?' It's not," he said. It will be current normal hours for all three halls.

Currently, the weekend meal

plan is a "pilot" program, according to McNamara. It was finalized a few weeks ago, and as with all other meal plans, is available for purchase at any time. But McNamara said that "for the value," students are expected to be more likely to sign up for a plan at the beginning of a semester as opposed to in the middle or toward the end.

McNamara added that he and the other dining officials know that this program is aimed at a "niche crowd." He estimated about 350 students in sororities and fraternities for whom this program would be beneficial based on the information they gathered.

"Probably not a great number," McNamara said when asked if he expected many people to sign up. "But if we can help some people find food on the weekends

a little bit easier, I think that's a good thing."

McNamara also noted that a swipe plan is still available for a similar market of students. "We realize there's a small market," he said, who he believes will be interested in the weekend meal plan.

"But if we can get a handful of people...to sign up for it, then I would be optimistic that next year we can get even more people," McNamara said. "If we can see that people are excited about it, even if we don't have that many people sign up for it, I think we can definitely try to keep it going."

"We'll see," he said. "We're excited about it. I just like that it was brought to us by students. It's a great idea, and we're happy to give it a whirl."

A day in the life of a student EMT at UNH

By **Nathan Griffiths**
CONTRIBUTING WRITER

There are 23 students at the University of New Hampshire (UNH) and other colleges in the area that volunteer for McGregor Memorial Emergency Medical Services, according to McGregor volunteerism coordinator Joe Haviland. McGregor is "regional, non-profit organization providing emergency healthcare and education to the New Hampshire Seacoast Region," according to McGregor's website. It is the ambulance service for UNH, Durham, Lee and Madbury, where it has served in these communities for over 50 years.

Student emergency medical technicians (EMTs), like Alexander Moir and Nicholas Brown, serve their community and go to school full-time. The number of hours that they work each week differs on the amount of calls that they receive. Moir and Brown enjoy serving the community, and enjoy being able to help a community they live in.

Moir volunteers for McGregor Memorial EMS during the week and works for Henniker Fire and Rescue during the weekends.

"Working in a community I live in and go to school connects me with some of the locals and other students," Moir said. "The students may not remember me or want to later on, but they remem-

ber the care I provided for them. The locals in Durham have appreciated all that McGregor Memorial EMS has done for them."

Moir said it is difficult to find a balance with school and some of the stress on the ambulance. He said there are other ways to relieve these stresses like hanging out with friends, going to the gym, or going to sleep, but he works nights at both McGregor and Henniker Fire and Rescue. At McGregor, he normally works from 6 p.m. to 6 a.m. and gets a quick nap before class. There are, however, sometimes where he's on call for a long period of time and when he gets home, he must go straight to class.

"What is great about work-

ing night shifts that helps with school is I am always up doing homework in between calls," he said.

Brown said there is a huge amount of pride and satisfaction from being able to serve the students of UNH, and residents of Durham, Lee and Madbury.

"I work with some of the smartest and most selfless people I know they help to share the weight of what can happen and make every shift a blessing," Brown said. "I think most EMTs would agree, we love what we do, and there is no greater joy than to help someone in need."

To him, it's priceless being able to serve others despite having a hard time balancing work,

going to class, Reserve Officer Training Corps (ROTC) and his social life. The shifts vary depending on how many calls there that night. Brown said there are some days where they're so busy they can hardly catch their breath at the station, where other days there aren't any calls for twelve or more hours.

The chair of McGregor EMS, Matthew Willet, said that it's vital to the organization's operations that they have new student EMTs volunteer. According to Willet, the majority of the active EMTs are UNH students.

"The students at UNH bring an unrivaled energy, enthusiasm and time commitment that we've come to rely on," Willet said.



Courtesy of Alexander Moir



Courtesy of McGregor Memorial EMS

Spilling the tea since 1911

Topography sandbox makes learning three-dimensional

By Jenna O'Del
STAFF WRITER

Sandboxes are commonly known as a beloved toy of many young children. But sandboxes have uses outside of being a toy—the term “sandbox” has entered the colloquium to refer to thinktanks and computer programs that give users great freedom of use.

In the High Bay of the Jere A. Chase Ocean Engineering Laboratory, home to the Center for Coastal and Ocean Mapping and the Joint Hydrographic Center and located behind the Field House, the term refers instead to a literal sandbox - the 3-D topography sandbox, to be specific.

The 3-D topography sandbox is a small part of the High Bay, which takes up much of the building's first floor, and houses two large water tanks and a variety of equipment often used in teaching and outreach programs. Many booths sat and demonstrations took place in the High Bay during Ocean Discovery Day in October, and the 3-D topography sandbox was a favorite among the 2,400 people that came during the two days of the festivities.

The sandbox is physically a standard one, just raised to stand about three feet high. Technically, though, it is anything but standard—it's digital; or the program that relies on it is.

Mounted about five feet above the sandbox is an Xbox Kinect projector, which when turned on projects a series of colors and lines on the sand. These colors change in response to how the sand is scattered across the sandbox—sand piled into a mountain becomes red, while sand scooped away to create a valley turns blue and when deep enough, the blue becomes color of crystalline wa-

ter, with an undulating wave pattern.

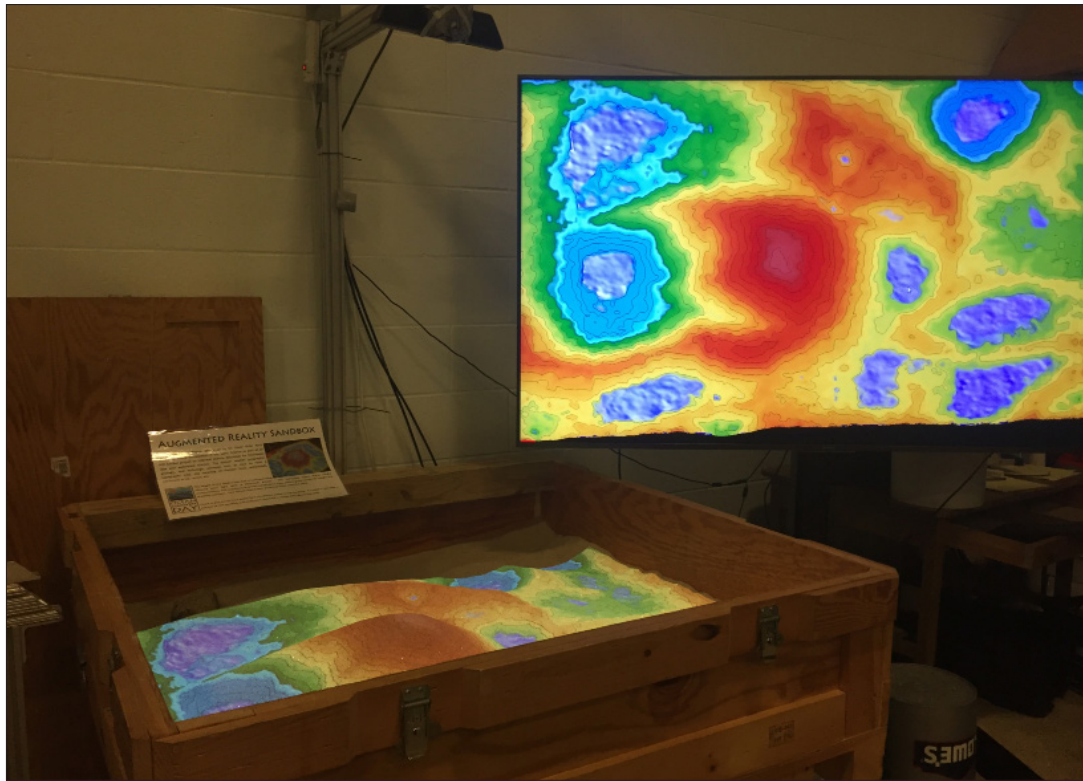
The colors are depicting the sand's topography, or the rise and altitude of variations in the sand. Topography is used in creating topographic maps, such as of the White Mountains—the squiggly lines drawn around Mount Major delineate how tall it is and how steep or gently sloping its sides are.

When someone pushes the sand or even waves their hand underneath the projector as they move the sand around, the colors and lines change—make the mountain steeper, the lines grow closer together. Wave your fingers up and down, and you might get “drips” of water.

“The Kinect is mapping the surface of the sand, calculating the topography of it... creating a topographic map from that data and then projecting the results back onto itself through the projector,” CCOM Outreach Specialist Tara Hicks Johnson, who oversees outreach to all ages and professions across the country, said. Once the Kinect maps the sand, it also displays it on a 5-foot monitor standing next to the sandbox, showing the 2-D version of the sand's topography, or what it would look like in standard map form.

The program that creates these colors and lines for the sandbox, also called the Augmented Reality Sandbox, originated on the West Coast, explained Hicks Johnson. Funding from the National Science Foundation (NSF) helped the University of California, Davis, and the museums Lawrence Hall of Science and ECHO Lake Aquarium and Science Center, according to UC Davis's website, build the program.

On the website for the aug-



Jenna O'del/ TNH Staff

mented reality sandbox, users can find a section called “Build Your Own,” providing access and instructions for the required software, all free.

“Because the program was developed through the National Science Foundation, that means that the resulting program is free for anybody to download,” Hicks Johnson said.

CCOM, which has research projects spanning everything from applying new techniques to assess gas leaks after the Deepwater Horizon oil spill, to understanding the sediment of the seafloor (mapping), decided to “Build [Their] Own” sandbox “because the sandbox relates to a lot of the research that we do here,” Hicks Johnson said. At first, there wasn't a plan to make the sandbox the permanent installation in the High Bay as it

currently is. “It was a fun test to see how the program worked and we've been using it ever since, because people love it,” Hicks Johnson said.

Those people include all ages and all professions. “...If it's an admiral from NOAA [the National Oceanic and Atmospheric Association], if it's businesspeople...everybody loves the sandbox.”

One demographic that uses the sandbox often is schoolchildren, who will visit the Chase Ocean Engineering Building when covering curriculum units related to marine science. The first day of Ocean Discovery Day was reserved for local schools, so they could bring their students and see the ocean research based at the University of New Hampshire (UNH).

All this usage of the sandbox shows that it is here to stay. “It works perfectly for our facility because we do mapping. We use different tools, we use sonar, which is sound, to map the seafloor, we also use LiDAR, which is kind of like light, lasers, to map the topography also, we're getting into drones now...the idea of using a tool to map a surface is something that we do a lot here, so it's a great introduction. We'll bring kids here first and then bring them into the rest of the building where they can see these 2-dimensional maps on the wall, and it gives them a little bit of a better idea about what they're looking at,” Hicks Johnson said.

Undergraduate students use the sandbox too, she said. Professors from departments as varied as computer science, kinesiology, civil engineering and ocean engineering have taken classes

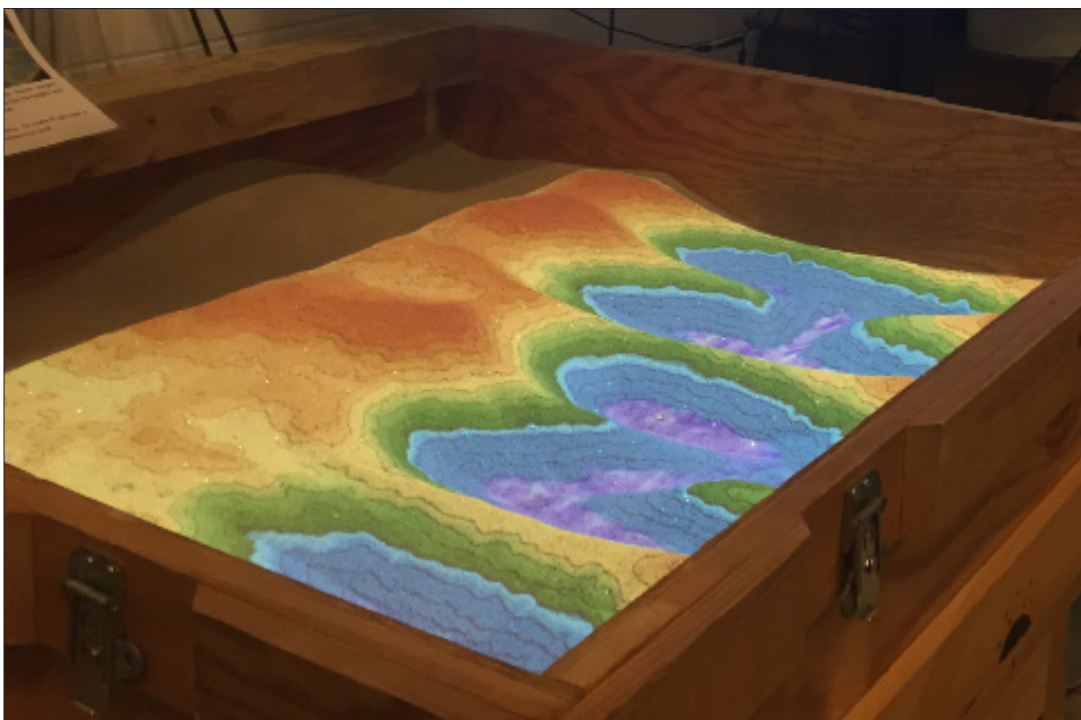
to the sandbox, using the sandbox as a tool for learning topics such as reading topography and understanding factors involved in building bridges.

“The idea behind it all relates to our visualization lab... We collect so much data that we need to have ways like this so that we can show the data off in ways that people can understand, and can get information, and can find useful,” she said. The Data Visualization Research Lab focuses on novel methods of presenting numbers in visual formats with computer graphics, such showing how water flows. Examples of the lab's work can be found in the first-floor hallways of the Chase Ocean Engineering Building near the lab.

The sandbox has even inspired other schools to get their own 3-D topography/augmented reality sandbox.

“It's a zen place... We leave the program running all the time, we just turn off the projector bulb, so that anybody can really, if they [want to] come in and show somebody or if they [want to] play with it themselves, they can just come in themselves and turn the projector on,” Hicks Johnson said. The projector is kept off to keep the bulbs from burning out, and sandbox users should turn the projector off after use, but the sandbox is open to all—or contact Hicks Johnson at Tara.Hicks-Johnson@unh.edu.

“It's next generation of sandbox play,” she said.



@thenewhampshire

Comfort dog joining UNH PD

By **Julia Stinneford**
STAFF WRITER

The University of New Hampshire (UNH) Police Department's new comfort dog isn't quite ready to join the force, but she's working on it, according to Officer Callum Cochran.

Charlee, an 8-month-old yellow lab, is still currently training with Hero Pups, a program geared toward training service dogs and, more recently, comfort dogs.

Cochran, who will be Charlee's handler once she's done training, said that he's hesitant to provide a timeline as to when that would be.

"We're all anxious, and waiting for her, and I know everyone else is too," Cochran said. "I want her to be ready."

Charlee's training with Hero Pups, according to Cochran, is going well.

"She'll train on campus and she's been making visits to the dorms. Every time she comes to campus...she's always training," Cochran said. He added that it's a matter of "exposing her to as many possible things, just so she's comfortable in situations."

Her training has been delayed slightly, according to Cochran, because of Hero Pups' need to focus on other New Hampshire police departments that needed dogs sooner. "I know she [Laura Barker, founder of Hero Pups] really had to focus on the dog for Franklin recently...they had some serious calls that they needed the dog to assist with." Hero Pups additionally handled the licensing and administrative processes in

order for the police department to get Charlee.

Charlee's duties, when she's ready, will mostly be focused on mental health.

"Our mental health calls have just drastically increased," Cochran said. "And I always paint the picture of, if you're having a health crisis, and you see me walk in, a six-foot male, I'm probably the last person you'll want to talk to about your feelings." But the issue, Cochran said, is that when "someone's having that kind of crisis, we want to be able to get them the help they need." Cochran said the idea is to have Charlee "bridge the gap and kind of show that I'm a person and you can talk to me."

As to what Charlee will specifically be doing, Cochran said it's "still kinda up in the air..."

We're figuring out what her personality is and making sure she gets the best adjustment." Cochran will "ideally" be her primary handler, and she'll follow along with his shift.

"If I go on calls, she'll be with me, and if I'm not on calls, she'll be hanging out around the PD...She's specifically geared toward community relations and health calls." Cochran said that he already does a lot of events, "so she may just be added to my daily routine."

This was a component in choosing Cochran to be Charlee's handler.

"I've always been geared toward the community aspect, so that's kind of what made me a good fit," he said. Plus, Cochran has "always been a dog person... I've always had dogs, and I know

how my dogs help me."

Cochran described Charlee as "a little sassy," because she's still a puppy and has a habit of "testing the limits" as to what she can get away with.

"You need a personality to work here," Cochran said. "I think she'll be excellent for this environment."

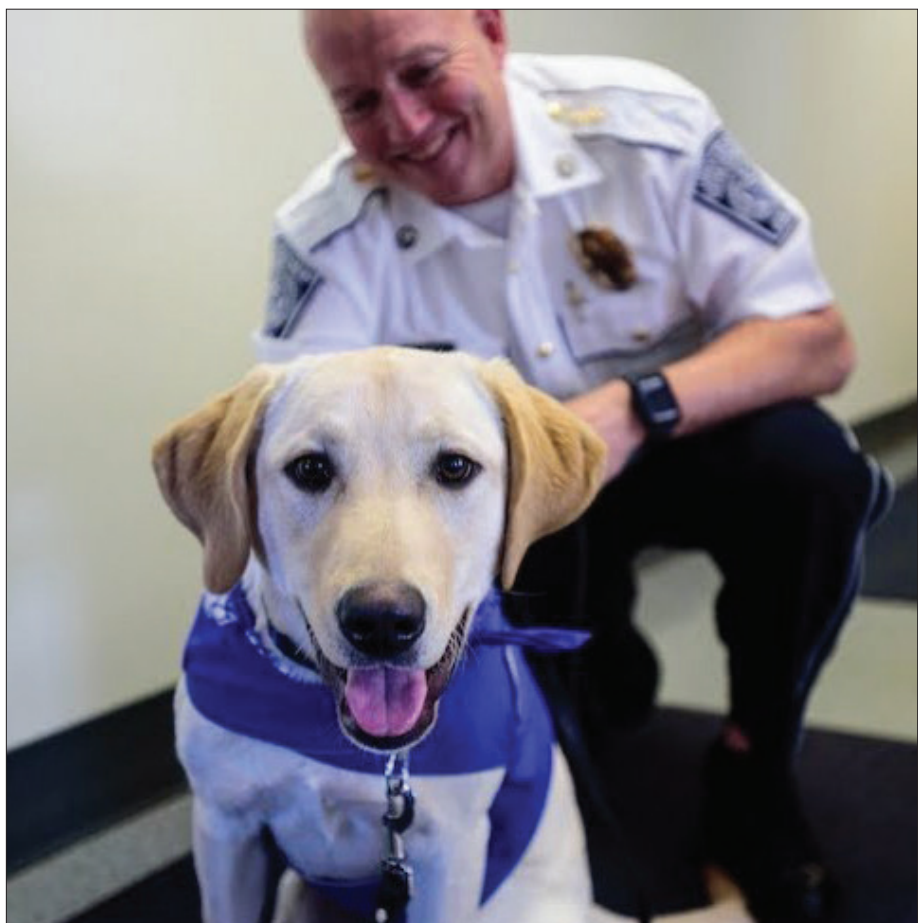
"We're all excited for her to be here," Cochran said. "We see her, and everyone starts smiling, and whatever's being done will just get dropped...I think she'll be a great asset." Cochran added that with comfort dogs becoming more common nationwide, "I'm excited to be getting into it when we are, because I think this is the perfect environment for a comfort dog based on the calls we deal with."



Courtesy of Hero Pups



Courtesy of Hero Pups



Courtesy of Hero Pups



Courtesy of UNH PD Twitter

Trans UNH emphasizes inclusivity

By Alyssa Fragano
CONTRIBUTING
WRITER

There are three questions posed by the University of New Hampshire (UNH) students and faculty to encourage inclusivity: “What’s your name, preferred pronouns, and where are you from?”

Trans UNH, a closed organization created in 2014, is designed exclusively to provide a safe space for the University of New Hampshire (UNH) transgender, non-binary and gender non-conforming community.

Sophomore psychology major Jay Ivanof, a member of Trans UNH, expressed his initial surprise upon being asked by a resident assistant (RA) to clarify his pronouns his first year at UNH.

“It just makes me feel really comfortable in being like, ‘okay, someone’s not going to assume I’m a girl’... it feels like people actually care,” Ivanof said.

Adrienne Ledoux, junior occupational therapy major and program coordinator of Trans UNH,

shared their own experiences with questions about pronouns; “it’s one thing to talk-the-talk, but you’ve got to walk-the-walk.”

Ledoux explained how faculty and staff may have good intentions but often fail to consistently use the correct pronouns or acknowledge the identity they were informed of.

“It’s all about making a show of asking for them, but the actual follow through is just not there and that’s what really counts for making a space welcoming and comfortable.”

Ledoux said their executive position at Trans UNH is more of a formality than anything else, but that deciding meeting topics and making meeting presentations is the role they most enjoy taking on.

“Essentially, we present material and break it down into a discussion with some prompting questions, sharing our thought,” they said.

Ledoux provided an example of how the meetings are kept relevant – in preparation for the presentation by transgender fashion model Geena Rocero that took

place earlier this semester in collaboration with Alliance, Ledoux claimed “we had a meeting about trans fashion and clothing in general, so we looked up some trans and non-binary models, did a brief rundown on each of these people, and we talked about ways that clothing enforcing the gender binary and what’s hard about getting dressed in the morning.”

“We also have check-ins, like ‘how are you doing?’,” senior environmental conservation and sustainability major Hayden McDermott said. “Because oftentimes trans people struggle a whole lot with mental health and life just really weighs down on you. So we do check-ins, and then we do some sort of activity or presentation.”

McDermott is currently in their third year as a part of the executive board of Trans UNH and is now the organization’s president. Previously, they were vice president and program coordinator in their junior and sophomore years, respectively.

“We don’t disclose our meeting times or locations so we don’t out our members, for their own

privacy and safety... we just don’t want people to find us unless we know that they’re not going to do us any harm,” McDermott explained. The organization is small, with only 25 members, and McDermott said that this is in part because Alliance is more likely to be recognized, and therefore suggested by others. For transgender students in particular, McDermott asserted Trans UNH has the ability to “offer a form of community and support that a general LG-BTQ+ organization that focuses more on one-on-one education can’t.”

Gender Identities Awareness (GIA) Week began Nov. 15 and ended on Nov. 22. On Wednesday, Nov. 20, students observed the annual Transgender Day of Remembrance to memorialize people who have died from violent acts of transphobia. According to a study performed by the American Academy of Pediatrics, “transgender adolescents disproportionately report higher suicide attempts compared with cisgender adolescents,” the highest rate being among female to male adolescents at 50.8 percent. This is

where the need for support and community comes. The 2015 U.S. Transgender Survey as performed by the National Center for Transgender Equality reported that 46 percent of respondents were verbally harassed within that year for being transgender, an additional nine percent having been physically attacked.

Despite the safety and privacy concerns, Ledoux remains determined to keep the organization as available as possible.

“It’s not exactly wide, open-door because there is a vetting policy to tell people our meeting time and place, but I really want everyone who needs a space to be able to access it,” they said. “I’m all about spreading the word, and reaching out to people on campus in whatever way possible. I just want people who need it to be able to have it. I just want to create that warm community space that’s so needed... the LGBT community in general is really near and dear to my heart, and being able to facilitate a group for these people has been very rewarding.”

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Booker books Huddleston Hall following debate

By Benjamin Strawbridge
STAFF WRITER

Fresh off his fifth national debate just the night before, Democratic presidential candidate Sen. Cory Booker (D-NJ) centered his Nov. 22 rally at the University of New Hampshire (UNH) around a life story complete with personal encounters with the same inequalities he has persistently promised to fight through his candidacy, all as he told his political story and tackled multiple topics with the audience in a subsequent town hall format in an effort to rack up a stronger student vote.

The encounters started at a young age as Booker, then a tenant organizer in a Newark basement tasked with filing local complaints against a slum lord, learned from his mentor and fellow organizer Frank Hutchins that the first step in beating the slum lord and improving the quality of life was to first repair and unite their own community.

"Everybody that spoke deserved to be heard and listened to; this was one of their chances to talk about the horrible conditions," he told a packed crowd of supporters at Huddleston Hall, "and I ended up learning from him this incredible understanding that we are who we are as a nation when we come together, when we stand together, when we revive this belief that I have that the lines that divide us are nowhere near as strong as the ties that bind us."

Booker pointed to the biases held by the Founding Fathers and the authors of the Constitution as partly responsible for those "lines," citing how the document reportedly, per the senator, viewed Native Americans as "savages," women as "second-class citizens," and African Americans as "fractions of human beings." Of the Declaration of Independence,

however, Booker said that the colonies' desire to create a nation based on the "highest ideals of humanity," such as equality and justice, was one of its primary inspirations, stressing how it ended with a call for national "interdependence" and for all Americans to mutually pledge their lives, fortunes and "sacred bond."

Booker stressed how a pledge of patriotism to the country is impossible if one does not show support for others regardless of background or status, and how a detriment to one family or population, such as poor access to public education, could cause a negative ripple effect on the entire community.

The senator pointed to when he said he strived to prevent such detriments in his community, such as guiding the city of Newark through the Great Recession as its two-term mayor, and his efforts to tackle prison reform as he entered the Senate in 2013, even as a friend warned him that, per Booker, "we have a country that treats you better if you are rich and guilty than if you are poor and innocent."

"Love says, 'injustice anywhere is a threat to justice everywhere,'" he said, followed by a call for more "indivisibility" in "one nation under god."

In speaking of the heated 2020 race itself, Booker – the sole African American candidate left in the Democratic field following Sen. Kamala Harris' (D-CA) suspension of her campaign on Dec. 4 – told attendees that the key to beating incumbent Republican President Donald Trump is not to imitate his playbook, turn Democrats against one another on policy issues, or stress goals of merely defeating Republican candidates.

Rather, he said, the key is to home in on uniting Americans around common causes, arguing that it was such a sense of unity

that ended movements like McCarthyism in the 1950s and racial segregation in 1960s' Birmingham.

"And, yes, [for] this generation of Americans, this is a moral moment we have real...existential crises from climate change to just delivering pre-natal care in a nation that leads the planet Earth's industrial nations in infant mortality and paternal mortality," Booker said. "But to solve those problems like this, we do not show the worst of who we are but the best of who we are."

The candidate addressed many of those problems in the following town-hall segment, where he was asked about subjects ranging from climate change and gun violence to income inequality and immigration, among others.

When asked by *The New Hampshire* during a press gaggle how he would tackle student debt compared to his rivals, Booker said he supports "debt-free college," forgiving debt for students going into public service professions such as public defenders or school nurses, granting "baby bonds" that would grant \$50,000 to potential college students by the time they were 18 in interest-bearing accounts, and an option for students to "refinance" their debt such as discharging it in bankruptcy.

One of Booker's questions came from New Jersey native named "Mary Lou," who asked him how he would address child poverty, a topic the candidate said has not been sufficiently mentioned in past debates and costs the nation nearly \$1 trillion a year. He told her that, if elected, he would work, for instance, to grant a refundable "income tax credit" for Americans renting homes, which would affect those paying more than a third of their income on rent. He said the credit would take 10 million Americans out of poverty if implemented.

The topic of nuclear weapons, meanwhile, arose when UNH senior environmental conservation major Samuel Tardiff asked Booker on his stance concerning America's "first-use" policy, which permits a country to attack another country with nuclear weapons in retaliation even if the other country did not attack the first entity with nuclear weapons. The senator replied that although he fears the U.S. is "slipping" into a "militarist" pro-war stance due to corruption fueled by the "military industrial complex," he expressed support for the "first-use" policy, saying that he did not want to "take a deterrence off the table."

Speaking with *The New Hampshire* following the rally, Tardiff expressed concern that Booker's themes of "love, compassion, unity, [and] justice" did not match the senator's true standing on the issue, and how he should show support for a "no-first-use" bill currently being deliberated in the Senate.

Booker also received an inquiry from Durham Town Councilor Kenny Rotner, who asked about the candidate's solution to the Israel-Palestine conflict, as well as settlements in the West Bank affected by the skirmish. He responded that America is "undermining" Jewish values by not enacting a two-state solution, and by calling the president's relationships with nations like Saudi Arabia "transactional" due to Trump's efforts to pull out of multiple international trade treaties during his presidency.

On the subject of gun violence, a high school student in attendance expressed to Booker her personal fear that she might be targeted by a gunman at any time due to the state of gun violence in the country, forcing her fellow students to use music stands as a means of self-defense. The student asked Booker how he would

response and to prove that the lives of school children "matter."

"We tell our children we can't protect you, so we send you to school to teach you how to hide," Booker said as he called the nationwide fear of daily shootings a "cancer." He also called the overall issue a "primary" component of his presidency, leading him to pledge that he would legislate supportive of the National Rifle Association (NRA) "more afraid of us than they are afraid of them."

Booker's final question concerned immigration, in which an immigrant attendee questioned the senator how he would tackle immigration a president, to which Booker said, "a lot of work remains" and "a lot of amends to make" to immigrant communities. He criticized family separation and immigrant camp treatment under the current administration – a situation he said is being "replicated" beyond the Southern border – warning the room that a country that sacrifices values in exchange for added security "loses both."

And as the crowds faded from the Huddleston Hall ballroom, Booker told *The New Hampshire* that, throughout the race, he has gained new insight on his own positions from visiting different populations on the campaign trail, whether it be college students or mental health patients, experiences he said have helped him evolve and adapt in an ever-changing race.

"I really think that one of the best things about having to run for president is town halls like this and interactions with people, because you do learn, you do grow, you do have a deeper understanding and empathy for the issues of our nation," he said. "So, I'm a much better candidate for president having spent 10-11 months already on the campaign trail."

UNH's club golf travels to Texas

By Evan Edmonds
STAFF WRITER

The University of New Hampshire (UNH) Club Golf team finished 25th at the National Collegiate Club Golf Association Fall 2019 tournament in Oklahoma from Nov. 15 to 17 after a successful 23-1 season.

Captain and club president Marshall Halpin said the experience with Nationals was "incredible." The tournament had a "much more serious vibe" than previous tournaments "for a good reason" – that reason being club golf is just as competitive as Division 2 or 3, according to Halpin.

"This Nationals really meant a lot to all of us," Halpin added.

This fall's tournament is Halpin's third Nationals experience, and took place in Oklahoma for the first time at WinStar Golf Club. Halpin said it was a better and more organized experience than his previous tournaments in Arkansas and Las Vegas.

First-year student Nicholas Aspromonti said the team performed well and bounced back from a tough start, ending with 380, taking 17 strokes off the previous day and setting their season low for a strokes.

Halpin said that they got off to a rocky start on day one with tough wind conditions and a

tough course and they didn't play as well as they liked; however, the team is proud of their improvement on day two.

The strong 23-1 season was a "huge turnaround" from last fall according to Halpin, who said at this point last year the team had a losing record in the region. In a division consisting of teams like Northeastern, Boston University and UMass Lowell, their only loss on the season was to the fifth ranked team in the country, Providence College, Halpin said.

Aspromonti said that they weren't sure how they'd perform at first, but quickly realized they were good after winning their first regional tournament by beating

regional rivals by "many strokes" and went on to win another and secure a spot in Nationals.

Both Aspromonti and another new member of the team, first-year student Logan Slattery, attributed the team's success to leadership from the captains. Slattery said "the captains put on a great season," and credited the leadership of Maxx Anderson, Marshall Halpin and Matt Hall. Aspromonti said thanks to their "great captainship," he felt like part of the team right away.

Slattery said his favorite story from the past season was "Joey Desimone being a much better golfer than me (as he shot the low on the team for Nationals) but un-

able to beat me whenever money is on the line."

Hopes are high for the club golf program that will "continue to grow from here," Slattery said. They are "extremely optimistic" looking forward to the spring season, according to Halpin, and they feel it is expected to reach Nationals again after the performance in the fall. Halpin said they have turned the program around thanks to their "great young talent."

Halpin and UNH Club Golf said they're excited for the future of the program.

"Time to keep raising the bar to make sure this type of success stays with the team for years to come," he said.

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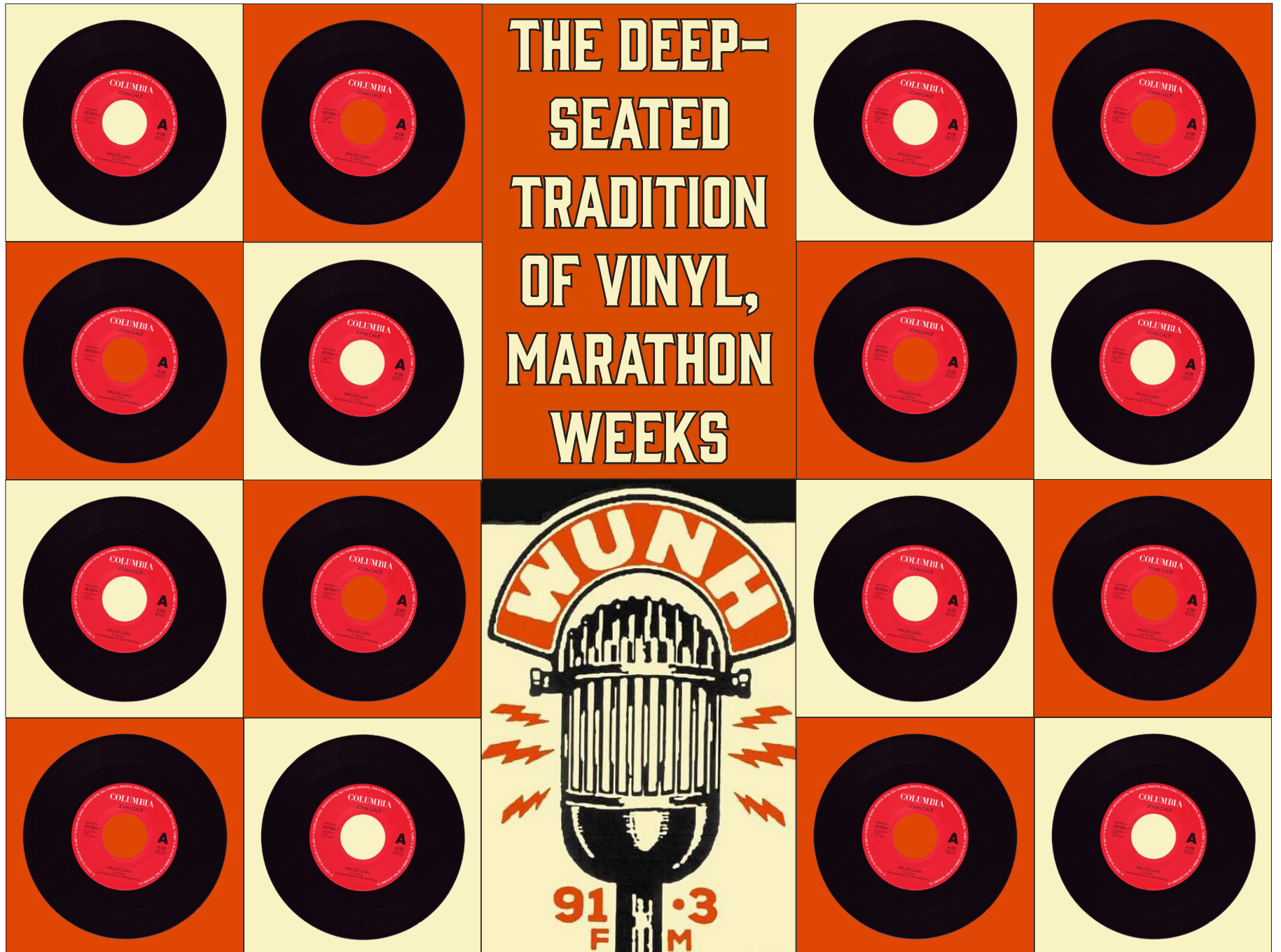
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By **Sophia Kurzius**
STAFF WRITER

If you're driving around the Seacoast and tune your car radio to 91.3 FM, or you pull up "wunh.org" on your computer and click play on a live stream, or you happen to walk down the dimly lit basement hallway of the Memorial Union Building (MUB) and come within a 10-foot radius of the door marked by a neon sign, you'll hear the music of the University of New Hampshire's (UNH) own radio station: WUNH-FM, "The FreeWaves"—a student and community operated musical bridge between UNH and the outside world.

WUNH just experienced its busiest time of the year, hosting two back-to-back specialty events: Vinyl Week from Nov. 10 -17, and Marathon Week from Nov. 17 - 23.

Staff members and DJs are constantly busy, filtering in and out of the WUNH station, sifting through records, eating sushi from Union Court and working on their computers. Walk into WUNH and you'll spot walls covered in a collaged assortment of band posters and desks scattered with CDs sent from promoters and record labels. With a DJ always on air in the room next door, the

simultaneous muffled sounds of a live show can constantly be heard alongside the crystal-clear feed from the speakers overhead.

"[Vinyl Week] is a great week because so many DJs are coming into the station collecting vinyl to prep for their shows, so the station is always full of life," junior psychology major Sophie Topouzoglou said, who often uses her airtime to showcase her favorite artists that include underrepresented bands comprised of women and other gender minorities.

Vinyl Week is a semi-annual event that has been a part of WUNH history for over 30 years. The prevailing rules of Vinyl Week are such: no top 40 music off of the Billboard Hot 200 from any year can be played—and it has to be manually played off of a record. This means DJs head into the office hours ahead of time in order to sift through the racks of vinyl, pull out and screen applicable records to make up their show.

"Vinyl Week is something special," senior business major Teddy McNulty, WUNH's current general manager, said. McNulty hosts two shows – one general programming and one focusing on punk music – on top of overseeing and managing the station behind the scenes.

"Vinyl junkies, like myself, adore vinyl week, since it gives us the chance to return to a different, more tangible form of audio broadcasting."

With over 60 DJs – from college students to community members – WUNH is an eclectic group that serves to provide listeners with variety. The station follows a "60/40 rule," restricting DJs to play a show that is 60 percent new music that has been released within the past 10 weeks and 40 percent of anything they choose. Typically, a majority of the music is digitally broadcasted, with DJs referring to a binder chock-full of new, applicable music that they can choose from for their show that is created weekly by undeclared sophomore music director Braeden Hale.

During Vinyl Week, however, the normal routine of DJs is shifted. The station is filled with records that were sent back in the 70s and DJs have to search through these racks, or bring records from outside the station in order to find music to fill their show. They aim to avoid popular artists like The Beatles or Bruce Springsteen to search for more unknown music—or at least Beatles' deep cuts. This process is a challenging feat for some DJs.

"Lots of people who like new music just prefer to avoid vinyl," explained

Hale, though some DJ's broadcasted shows clearly utilized records that had recently been made, such as Lauren Hellman's show "Vinyl Week I'm Spooked," featuring the 2007 album "In Rainbows" by Radiohead, or Sam G's show "Heavy and (decidedly) Eclectic Vinyl Week Tunes," featuring a track from the 2017 album "Emperor of Sand" by Mastodon.

Many people assume that in the new era of streaming, vinyl is of the past. An employee at "Strange Maine" record store in Portland, Maine, explained that popular bands like Radiohead are rarely sold at record stores because their peak of fame came amidst the CD era.

The Recording Industry Association of America (RIAA), however, recently released a mid-year report that predicts that records will outsell CDs in 2019 for the first time since 1986, an impressive feat all under the veil that streaming makes up 80 percent of U.S. Music Industry revenues. With the rise and fall of CDs and the resurgence of vinyl, the station is being sent more and more records.

"Teddy [McNulty] and I love to play Vinyl Roulette," Hale, the host of the

Best bookstores near campus

By Jenna O'Del
STAFF WRITER

Online options abound for the book lover, making book shopping quick. But, the online options miss the experience of being in a brick and mortar bookstore. Luckily, there are many such bookstores in the area along the Wildcat Transit routes, though some are better than others.

Dover

Dover used to be rather lacking on its bookstore options—there was one used bookstore, and the books were not well maintained. That bookstore seems to now have no online existence (if it ever did), but another store has filled the book gap in Dover.

A Freethinker's Corner Books & More: This is a store that opened a year and a half ago, according to Foster's Daily Democrat. It is along Route 108 and close by multiple bus stops. Though I'm remiss that I've not yet been, photos from Foster's and on Google suggest that the store features recently published and new books laid out in an old house. The store also hosts many regular events, from local authors to visiting nearby festivals, including open mic nights. Patrons can even buy art from a featured monthly artist. If interested in pursuing new books and supporting young businesses, this may be the store for you.

Newmarket

The small town of Newmarket has a singular, small bookstore: Crackskull's Coffee and Books, along Main Street and near two of the bus stops. While the coffee is great, the book selection at Crackskull's is rather eclectic, composed of used books that were traded in, along with a few volumes from local authors and poets. If you're trying to find the latest books or the most popular, Crackskull's isn't the place to go to, though if you're looking to browse, Crackskull's is a fine option. Plus, they're a multimedia store: you can find vinyl/records in a dedicated section. They're also strongly supportive of local wordsmiths and community—every month they have open mic nights, which are on Tuesdays, overlapping Wildcat Transit's runs.

Newington/Portsmouth

Looking for the most bookstore options? The Newington/Portsmouth bus route is your best bet. There are

four bookstores along this route.

Barnes & Noble: This national chain has a great spot in the Fox Run Mall area in Newington, and frequently has author events, including local authors. I'm partial to Barnes & Noble because of its size and I grew up going to (living in) one, but this Barnes & Noble is a good one, with a nice selection, including non-book items such as gifts, cards and a Starbucks cafe. The employees go the extra mile to find a book for you, but as with all Barnes & Noble stores, if a book isn't popular, they may stop carrying it in store, though you can always order it to pick up there. This store used to have a large media section, full of movies, TV and music, and recently downgraded that section to a small selection. Due to its size, if you want to browse the latest books on practically anything you can think of—coin collecting, for example—undisturbed for hours at a time, Barnes & Noble is the place to go.

RiverRun Bookstore: A quaint but well stocked bookstore, RiverRun bookstore is on Daniel Street, toward the water when leaving Market Square. RiverRun carries both used and new books in a wide variety of popular genres, along with a display of staff picks that aren't just the latest bestsellers. The store runs its



own small publishing press, Piscataqua Press, which focuses on local authors, selling the press' books in store. RiverRun is a very personable store, and is the store to go to if wanting to speak to people familiar with the books being sold.

Sheafe Street Books: This is a charming bookstore, along Sheafe Street—a side street, mostly residential, in Portsmouth. Sheafe Street Books is on a residential street because half of the building is the owner's home. This bookstore has a wide variety of books, most used but some new and recently published. The books cover niche topics, and fill the store to the brim. Everywhere you turn there are more books. The cash register is even between book shelves. Sheafe Street Books is a fun place to peruse, though a bit of a gamble if looking for a specific title.

Portsmouth Book and Bar: Perhaps one of the most famous of the Portsmouth bookstores, Portsmouth Book and Bar is true to its name: It sells both books and has a bar. Located near Market Square, its book selection is eclectic, and it takes pride in supporting independent wordsmiths and the local community, like Crackskull's. The Book and Bar's selection is broader than Crackskull's, though, as it literally takes up more floor space, and has a greater variety of genres and options, including local authors and occasionally recently published works. The Book and Bar is a very lively place, and while many do use it as a place to get some work done, it's not the bookstore you can quietly spend hours at.

Durham

Durham Public Library: Not a bookstore, but all the same, it is technically along the three Wildcat Transit routes, and is a place of books. The Durham Public Library is located along Madbury Road and is a wonderful place. UNH students get a library card with their student ID. The library has an entire room dedicated to young adult fiction, plus extensive sections of other popular genres: i.e., shelves of mystery books, including books just published. The library offers a variety of programs, offers discounted passes to museums, hosts local authors, and runs book clubs. The library is great if wanting to stay in the area or participate in a program, and is budget friendly, as books, unfortunately, can be expensive.

Dover paint nights bring families together

By Daniel Marshman
CONTRIBUTING WRITER

Patti Spinelli, owner of Paint for Fun in Dover, has created an atmosphere of family entertainment that locals love.

"The atmosphere at Paint for Fun is all about family," Spinelli said. She has been involved with kids for most of her life through teaching at Saint Mary's Academy for 30 years before she owned the popular paint store. "When I retired, I wanted to do something fun, which is exactly why I started Paint for Fun, and it has been nothing but fun."

Keeping with the family theme, Spinelli's granddaughters, Mackenzie and Hannah, work at the studio with her, and aims to have a place where people can learn to paint on both canvases and ceramics.

"The kids are really the reason I do it, and seeing them smile is awesome," she said. "A lot of what we do is for kids and helping them is amazing."

One of her favorite things about the paint shop is the ability to host birthday parties and other such events. For birthday parties specifically, participants are offered plaster, which allows kids to take home their product on the same day instead of waiting weeks in some cases for the final product. Plaster art is different from what other art studios offer because they spray the ceramics with an acrylic spray which allows the same final product without having to fire ceramics in a kiln.

Paint for Fun's philosophy of teaching art to kids



and adults is to allow them to learn using many different techniques such as watercolor and pastels while preaching encouragement and positive reinforcement, according to their website.

"There is no skill level required to come and paint here just the desire to have fun," Spinelli said.

Last Friday, Nov. 22, Paint for Fun hosted a Holiday Tree Painting with more than 30 people in attendance, including families of all ages. Attendees were encouraged to bring wine and food, and the seats inside the studio were completely full.

"Paint for Fun is great, it allows me and my family including my daughter who goes to UNH to have a fun family night," local resident Mark Raiche said. According to him, Paint for Fun is a great option because it allows his family to spend time together on a Friday night instead of his kids going out to the bars. He chose to try out the studio at suggestion of his wife, and have attended many events since.

"I would definitely recommend Paint for Fun to UNH students," Raiche said. "You can have a fun time while also having the freedom to bring alcohol and food. Also, it's cheap and affordable for college kids."

Local high school student and art enthusiast Alexis, who didn't want her last name used because she's under 18, said that she and her family have been going to the studio for a while.

"I decided to pick up a hobby and Paint for Fun allows me to do that while also feeling productive when painting," Alexis said, noting its therapeutic qualities. She said she would definitely recommend it to local high school students as well as UNH students because it is fun and relaxing.

Paint for Fun does not have any upcoming events currently listed on their website; however, they offer the Ladies and Gents night every Friday from 6 to 9 p.m. Spinelli updates their website weekly and posts events on their Facebook page (@paintforfun). They are open Wednesday through Sunday every week and they offer extended hours on Fridays. Prospective customers should keep an eye out for any events that may be added via their website.

WUNH

Continued from page 13

show “Sidewalk Rock,” which is a mix of anything from indie to metal to electronic, said. “We pick random albums out of the stacks and play them. It’s so fun, especially if the album art is cool—or if the album art is awful. Exploration is the best part.”

Delving into deep cuts steers college-aged DJs away from cultivating their shows using Spotify algorithms that are geared to provide them with music they will like, and instead encourages a process of trying to find music by experimentation.

“On a regular week I listen and prepare in the week leading up to my show by using Spotify to create playlists and preview music,” said junior studio art and education major and assistant music director at WUNH Catrina Marr, who hosts a show called “Curveball,” a variety show featuring rock, rap, ambient, folk and funk music. “In contrast, for Vinyl Week, I’m in the station browsing shelves and previewing stacks of albums weeks in advance. I do a LOT of listening and experimenting leading up to Vinyl Week.”

Not only is the planning process for Vinyl Week strenuous, but once the show is up and running DJs have to keep up with the demand, with active listeners calling in and supplying requests.

“Everything about the week is physical, deliberate and unique for each DJ; the previewing, picking, playing and properly putting away of vinyl that goes into every broadcast during Vinyl Week requires the attention and devotion of the person behind the board,” Marr said. “Which is why the week is so rewarding and special for both DJs and listeners.”

John Prendergast, a 56-year-old music obsessed DJ who has been at the station since 1984, has had the unique ability to get to know the team of student DJs that come in and out of WUNH for the past 35 consecutive years.

“[Vinyl Week] changes my show because I’m inclined to play more contemporary music, whereas most everyone else is reaching back further into the past,” Prendergast, who runs a specialty show “Tuxedo Junction” consisting of American Popular music from the mid-



20th century from 1925 to 1975, said.

Junior English major and host of the show “Cartons and Planes” Nikita Serdiuk emphasized that despite the stressful nature of Vinyl Week, there is a unique opportunity to provide listeners with a special show.

“Records are definitely more fun,” Serdiuk, who usually plays electronic music during his show, but found a hidden gem compilation record in the station and enjoyed mixing it for the entirety of his two-hour slot, said. “We have three turntables and you can actually play from more than one at the same time.”

With shows from “Polka Party” to “Rock is Dead” to “Pre-Scientific Fractals, Rhizomatic Meta-Loops and Other Semisonic Post-Capitalist Backspatter,” the station houses a variety of different music.

“I love to find new music, especially from unknown artists or bands,” McNulty said. “As a DJ at WUNH, I get privileged access to a goldmine of

music spanning from the 1930s to last week, with a lion share of our music being sent to us by promoters and record labels. My music taste has expanded immensely since becoming a DJ—my favorite bands have all been discovered through WUNH.”

As a non-profit, non-commercial college radio station, WUNH is up against outlets ranging from reigning big commercial radio companies to the growing streaming services that provide music and podcasts. The station recognizes its need to rise above these inhibitions by alleviating financial burden. However, receiving no financial support from advertisements, the station depends on generous donations from its listeners to cover the myriad of costs such as electricity, equipment, maintenance, subscriptions, storage and more.

“Marathon Week” is a seven-day event where WUNH doles out merchandise – from stickers and pens to ringer tees and reusable water bottles – in exchange for donations of any size

from listeners. Members of the station prepare for three months to ensure a smooth week-long event and subsequently spend the following months shipping out and distributing premiums.

“It’s an exciting week,” McNulty said. “Everyone in the WUNH DJ community pitches in to keep us on-air 24/7 (hence, the marathon title) and listeners call and message us to show their support. It really shows the importance of college radio in the era of homogenous, corporate-controlled media that takes over the airwaves. It shows that people in the community really cherish us and see WUNH as an integral part of their lives.”

With official numbers still to be determined, Marathon Coordinator Lauren Hellman estimates the station raised a total of about \$20,000, a comparable amount to the earnings of past Marathon Weeks.

“I definitely consider Marathon this year a success,” Hellman, a sophomore art education major with a concentration in graphic design, said. Hellman stepped into the position with a certain level of pressure. “This week decides whether we sink or swim financially.”

“Marathon Week gives us the opportunity to raise money to better our station while giving back cool WUNH promo items to our listeners,” Hellman, who hosts her own show that features a wide range of music from indie and alt rock to post punk and folk punk, said. “We are a non-profit station, but with this money we are able to keep our station afloat and keep our station from being bought out by bigger commercial companies.”

Students and community members recognize the importance of the station, which has become an integral part of the Seacoast community.

“For me, it’s about way more than just music; being a part of the station has made me a better person in all aspects,” Marr said. “It’s helped me broaden my interests, find life-long friends, develop connections to faculty and the community. It’s given me the opportunity to be a better leader and teammate, a place to eat lunch when every seat in the MUB is taken. In all seriousness, WUNH is really a gift, and it’s crazy to think about how different my life would be without it.”

Ten notable tracks spun during Vinyl Week:

1. Slow to build, bizarre and deconstructed rhetorical avant-rock track “In Every Dream Home a Heartache” from the album “For Your Pleasure” by art-rock group Roxy Music was spun by Hayden Stinson during his show “Pre-Scientific Fractals, Rhizomatic Meta-Loops and Other Semisonic Post-Capitalist Backspatter.” This song features an experimental fade out and a fade in that dissolves the structure of a five-minute song completely.
2. Tangy, fast-paced melodic track “North by North” from the 1987 album “Daddy’s Highway” by the kiwi-rock band The Bats, spun by DJ Teddy McNulty during his show “The Trash Can.”
3. “Slippery People” is an especially funky and mildly-spacey track from the album “Speaking in Tongues” by

art-funk band Talking Heads, spun by Angelee G on the show “I’m Not Like Other Girls.” The song features a gospel-like choir behind David Byrne’s vocals which all sound oddly far away, placed behind the gentle groove of the instrumentation.

4. Reggae song “I Love Paris” by the band Alpha Blondy and The Wailers from the album “Jerusalem,” spun by Jeff on the show “Mad Lion Reggae.” The song is a groovy love song to Paris and its people that features some low volume wacky piano parts and a contagious call and response chorus between vocals and brass.

5. “Seedy Films,” an electronic speak-sung track from the 80s band Soft Call from the album “Non-Stop Erotic Cabaret,” that features bizarre, almost off-tune melodies accompanied by a chorus of breathy girls singing and laughing, spun by Chris C. with Christofarius.

6. “Thela Hun Ginjeet” by the prog-rock band King Crimson – a personal favorite track of mine that is actually an anagram for “heat in the jungle” as the song deals with crime in the city – featuring self-aware audio interview recordings amidst the buzzing instrumentation. Spun during the show “J-Bird’s vinyl extravaganza” by DJ Justin The J-Bird.

7. “Brahms: Variations and Fugue on a Theme by Handel, Op 24” by Van Cliburn, a beautiful classical piece that features a solo piano line full of little glistening melodic moments.

8. “Bonita Applebum,” by “A Tribe Called Quest” is a smooth track that features three different samples in a blend of easy listening pleas to a fictional character, spun on “Fishbowl: the Sea-quel” by DJ Sebastian M.

8. “Two Words” a track by Kanye West

off of College Dropout which features Mos Def and Freeway is a weirdly gothic-ish synth track that features a boys’ choir and brief riffs from a heavy electric guitar, spun by The Operator on the show “Reel to Reel.”

9. “The Less I Know the Better” is a modern psych rock hit from the band “Tame Impala.” This song kicked off Jayce K’s show, an undoubtedly electric start with that isolated riff that starts the song... so good.

10. “Rainbow Connection,” a track sung by Kermit from the Original Motion Picture Soundtrack of “The Muppet Movie.” This beautiful song is an Academy Award “Best Original Song” nominee and a testament to how truly unique Kermit is as a performer, musician and vocalist. Spun by Claudia on her show “The Balcony.”

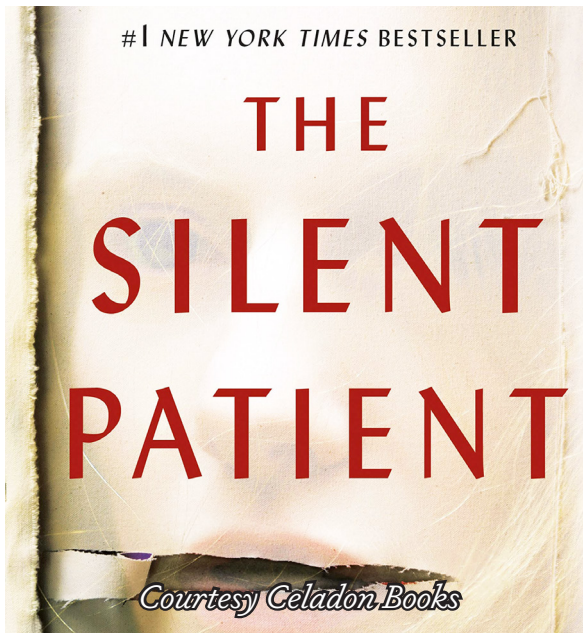
MAD ABOUT BOOKS ★ ★ ★ ★

'The Silent Patient' by Alex Michaelides

By Madailein Hart
NEWS EDITOR

Alicia Berenson was a famous painter, living in a gorgeous house with her loving, fashion photographer husband. Everyone from the outside couldn't see anything wrong with her life, which is why it is such a mystery when she shoots her husband five times one night and then never speaks again. She resides in The Grove, a psychiatric ward for women, where she constantly gets into fights if she isn't heavily sedated and the staff has mostly given up on her recovery.

Theo Faber is a criminal psychotherapist who has been dying to speak with Alicia, believing he is the only one who can get through to her. Even against the Grove's concerns, she takes her on as a patient six years after she shot her husband. The two end up connecting in ways that surprise them both, but Theo only has six weeks to prove he can get Alicia to talk, so the reader gets the feeling of being rushed to the finish line, hoping that Alicia will talk before Theo's time is up. While Theo tries to help Alicia he meets important players in her life from six years ago: Max, her brother-in-law; Barbie, her next-door neighbor; Jean-Felix, an art gallery owner and Alicia's oldest friend; and Lydia, Alicia's eccentric aunt. Theo, and the reader, have to figure out who played a part in this murder. Is there really only one person to blame, as



everyone thinks, or is there a group of culprits?

"The Silent Patient" by Alex Michaelides is mostly from Theo's point of view, but every few chapters we get a glimpse into Alicia's diary, a gift from her husband. In the diary, she primarily talks about horrific memories from her past, especially those having to do with her mother, and how much she loves her

husband. The reader gets small hints that something is to come, but along with everyone else, we are left in the dark about why she shot her husband. The reader also gets to see into Theo's personal life—especially his relationship with his wife, Kathryn. Theo's obsessive side comes out all throughout the book, first with Alicia and second with keeping his wife close to him.

What I loved about this book is that its premise is so unique. In an interview with the author at the end of the audiobook, Michaelides explained that his Greek upbringing helped with the premise because he based it on the myth of Alcestis. The myth says that Alcestis' husband was set to die, but she loved him so much that she went in his place. She eventually returned from the underworld but never spoke a word again. Using this myth, a fairly uncommon one at that, in a modern context made for a real page-turner, or in the case of an audiobook, I never wanted to take my headphones off. Every chapter asks more questions: Why is Kathryn estranged from her husband? Why did Alicia stop talking? Why is Theo so obsessed with this? And the reader can't help but think "Just one more chapter."

This is definitely one of those books that can be slow at parts, but the buildup and tension are well executed, and in the end, everything just erupts and comes together. Any mystery lover must pick up this book.

UNH Fia-Chait Irish Dance Photo Album



UNH's Fia-Chait Irish Step Dancing group attended their first Intercollegiate Dance Competition at Villanova University the weekend of Nov. 16.

Photos courtesy Lauren Kneeland

BEST ALBUMS OF 2019



“Tasmania” by Pond - Emily

If anyone knows me, they’re probably not surprised by this choice. But, bias aside, Pond’s fifth album did not disappoint me. With standouts like “Daisy,” “Hand Mouth Dancer” and the titular “Tasmania,” it’s hard to not be hooked.



“Hiding Places” by billy woods & Kenny Segal - Caleb

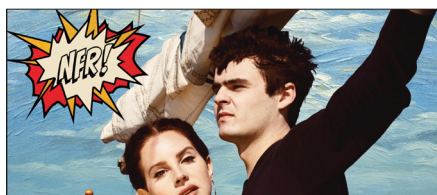
As I wrote earlier in the year for *The New Hampshire*, billy woods is our generation’s great American writer, and it just so happens his chosen medium is underground hip-hop. On “Hiding Places,” his collaborative LP with Los Angeles beatsmith Kenny Segal, woods brings listeners into the darkest, most horrifically-funny corners of his mind as he unveils childhood traumas and palpably-intense images line after line. “Shrug before he licked the revolver, shoulda listened / Now these are shenanigans, you have all witnessed the system / The crocodile slid it in, almost graceful how he swim,” woods raps with fervor on the electrifying “Red Dust.”

“Hiding Places” is chock-full of these wildly impressive vignettes, as woods stacks up an impressive collection of his own philosophically-attuned proverbs (“I’m chillin’ like Africans who never felt the whip,” and “No surprise, the rich suggest you do more with less,” from “Checkpoints,” for example) throughout. This is my favorite album of 2019, and one that’s sure to linger in my mind like the outline of a ghost for years to come.



“Rocketman” and “The Lion King” soundtracks - Jenna

When I first saw this question, what came to my mind was not so much an album as a slight problem (depending on how you look at it)—I don’t always listen to music that comes out recently, and my musical preferences range widely. That said, I’d say both “Rocketman,” the soundtrack, and “The Lion King” soundtrack are phenomenal. Taron Egerton sang amazing renditions of Elton John’s classics, and the soundtrack for the live-action *Lion King* awesomely built on the foundation laid 25 years ago in the animated film.



“Norman F****g Rockwell” by Lana Del Rey - Rosie

In 2019, so many musicians came out with their newest album, some their first in years. The one that stands out above the rest is Lana Del Rey’s “Norman F****g Rockwell.” Del Rey’s hauntingly beautiful voice enhances the raw, honest lyrics of her songs. What always seems to set Del Rey apart from other artists is how you can feel each lyric and each note of the music. “Norman F****g Rockwell” is different from her previous albums because it showcases how lonely and rough the art world can be, and in the final song of the album, “Hope is a dangerous thing for a woman like me to have—but I have it,” how it is through her eyes. The first song off the album that I heard was “Love Song” and it made me fall in love with Del Rey all over again. Violins flow through the speakers as the song begins and you can’t help but sway gently. The moment her voice starts singing you are transported into another world. 2019 birthed so much great music, but the most inspiring was Lana Del Rey’s.



“So What?” by While She Sleeps - Katie

“So What?” the newest album from English metalcore band While She Sleeps (WSS), was released on March 1, and is arguably the best metalcore release of the year. While I’m still a relatively new listener to WSS, the album does feel like a more mature sound compared to the band’s earlier music that I’ve heard.

Some of the standout tracks from the album, in my opinion, include “I’ve Seen It All,” “Haunt Me,” “The Guilty Party,” “Good Grief” and “Anti-Social.” Admittedly, three of the aforementioned songs are singles, but they certainly chose some of the best to exhibit.

With its many anthemic choruses, alluring riffs and emotionally driven lyrics, “So What?” is a must-listen album from a chronically underrated band.



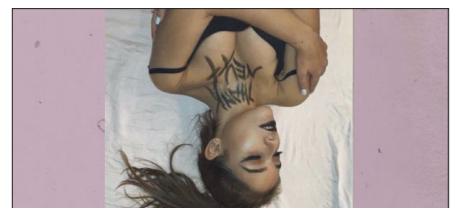
“Black Sand” by Akai Solo and Pink Siifu - Caleb

In a lurching, slurring, swirling defiance of the natural order of time, “Black Sand” by Akai Solo & Pink Siifu exists in the ether that remains following an absolute apocalypse. “In chaos where a n**** like to meditate,” Akai Solo coolly states on the tranquil back-half of “Luna’s Sol.” Simultaneously a stark proclamation of black pride and an emotive pendulum swing, “Black Sand” is the frigid, quickly-dissipating clouds that escape a car’s exhaust pipe on a windy November day. Each thought bursts out as balefully as a face-full of exhaust smoke—and disappears just as quickly. “Time not no uncle of mine either,” Akai Solo raps with sentient indifference on album closer “Fate Shifter.”



“One of the Best Yet” by Gang Starr - Sam

I’m an old head – musically speaking. My comfort zone is in the slums of Shaolin, and to my disdain the Wu-Tang Clan has not released anything since “The Saga Continues” in 2017. Luckily, another one of my favorite groups came out of nowhere with a new album this year. And it was really good. On November 1, “One of the Best Yet” by Gang Starr dropped, and my thirst for DJ Premier production was quenched. The intro track compiled some of Primo’s best beats—“Mass Appeal” and “Royalty,” among others. As for the rest of the record, it was the same old Gang Starr, including newly released verses from the deceased Guru. Some of my favorite tracks were “From a Distance ft. Jeru the Damaja,” “Family and Loyalty ft. J. Cole” and “So Many Rappers.” Each song shows respect to the genre—something that is lost in today’s version of hip-hop. Call me old, but Guru spitting over a Primo beat warms my soul better than any other artist releasing in 2019.



“thank u, next” by Ariana Grande - Ben

Well, congratulations, world: you *finally* got me to like Ariana Grande. It didn’t help (or I guess hurt) that “thank u, next” included the title track (and its ICONIC music video), the catchy-as-hell beats of “7 rings” and a sassy sendoff featuring *NSYNC samples... I mean, it’s like 2000 all over again! In the end, however, slick, modern and immersive production – combined with Grande’s exceptional vocals and a well-plotted crescendo that ascends from deep, somber reflection to soaring, badass empowerment over the course of 41 minutes (without going overboard on either end) – makes this easily her best album yet.

We need to go forward- not backward- to stop violence against women

A few years ago, I noticed that one of my students was struggling to keep up in class. She was returning to college as a young working mom—a difficult situation on its own—but it seemed like there was something more going on. Eventually, she confided in our class mentoring group that she had recently fled an abusive marriage with her two small children. For a time, they lived in her car until they were able to get into a domestic violence shelter. Though she was safe, she was still dealing with the financial insecurity, trauma, and fear from her marriage.

Together, our group helped her connect with counseling and I spent time tutoring her one on one. Soon, her grades improved. She wrote a beautiful essay to apply to George Mason University and was accepted. Today, she's graduated and working as an accountant, while her kids have a brighter future ahead of them.

Most shelters across the country, like the one my student

found, and many other programs that support survivors of domestic violence, are funded by the Violence Against Women Act (VAWA), which was written by my husband, Joe, 25 years ago.

For Joe, VAWA wasn't just another bill, but an urgent and personal mission. In 1991, he met with survivors of abuse and assault and toured shelters across the country. And after hearing their stories and understanding the help women needed, he sat down on our back porch to write VAWA in his own hand. And though survivors and advocates cheered him on, many of his colleagues were set against it. Opponents thought the government should not meddle in what they saw as a "private family matter."

For four years, he fought to get this bill passed. He lifted up women's voices, talked to people from both sides of the aisle, and built a united front. When it passed in 1994, Joe was elated.

Since then, this law has had tremendous success. It created a

safety net of shelters across the country. It funded anti-violence programs and created a domestic violence hotline that has saved countless lives. Since VAWA became law, serious victimization by an intimate partner declined by 70 percent. And with Joe's leadership, it has continued to evolve to expand protections and better protect survivors.

Still, there is much more to do. Domestic violence remains a leading cause of homelessness. My student lived in her car, and many others feel forced to return to abusive partners because they have nowhere to go. While we've made so much progress in reducing violence, women of color, immigrant women, women and girls with disabilities, older women and transgender women of color still face unacceptably high rates of violence.

That's why, this week, our campaign released a bold plan to build on the progress Joe has championed for 25 years.

This plan recognizes that our

country should be investing more in helping survivors, who can be trapped by financial circumstances. It provides access to affordable housing, cash assistance, and guaranteed paid leave, so survivors can put safety for themselves and their families first, without worrying about losing their job.

It confronts 21st century problems, like online harassment, abuse and stalking.

This plan would bring justice to all survivors, by ending the rape kit backlog, increasing access to lawyers and legal aid, and expanding protections to those who have diverse needs, like Native women, immigrants, those with disabilities, and the LGBTQ community.

And it makes survivors—and all of us—safer, by ending the "boyfriend loophole" that allows convicted physically abusive partners to buy guns just because they weren't married to their victims.

The deadly connection between guns and domestic violence is one of the top reasons why the

U.S. Senate has yet to pass the Violence Against Women Reauthorization Act of 2019. If their stonewalling continues, you can bet that Joe will take on the NRA - as he has before - and get this bill passed as president.

VAWA was hard-won and it changed our nation for the better. I don't want my granddaughters fighting old fights; I want them leading us into the future. And for survivors like my student, who need more help, we must act now. We must elect a President who has been in this fight from the beginning. And we need a President with the vision and experience to not just propose solutions but actually get them passed. It won't be easy, as we've seen, but Joe has done this before, and he can do it again.

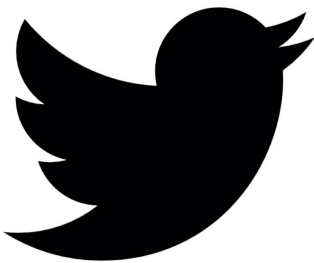
By Dr. Jill Biden
Former Second Lady of
the United States

What do you think?

TWEET YOUR OPINION

@thenewhampshire

WE WANT TO HEAR IT



Newsroom Poll: What we loved from the 2010's



2016 clown invasion
-Josh

The 2015 NL Cy Young race
-Sam

The Walking Dead
-Bret

Game of Thrones
-Devan

Vine
-Taylor

Gangnam Style music video
-Maddie

Club Penguin
-Emily

The life and times of Bobby Shmurda
-Caleb

My defunct Tumblr account (casablancasuckedanyvay)
-Katie

A tie between Sam Eggert and the Harlem Shake
-Ian



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From the Editor's Desk...

We're officially in the last month of the decade and no one's talking about it. Saying "2010" and "10 years ago" in the same sentence doesn't seem to make sense because there's no way they mean the same thing. Instead of counting the years between then and now, we should be taking stock of the things that happened. It improves your memory, anyway.

I've ranked the best to come out of each year this decade, starting with its humble beginnings, so that you too may remember all it had to offer.

2010

The decade started out with something genuinely hard to beat – the 2010 Honda Accord Coupe equipped with five seats and great fuel economy. Tack on the best-in-class overall dependability award from J.D. Power and you've got yourself a real powerhouse. The upscale, roomy cabin and complete body redesign from the 2009 model make up for its few shortfalls, limited to a cluttered center stack and subpar trunk space. If you drove one of these mid-sized classics, you know what I'm talking about.

2013

Anyone who's read my editorials before knows how much I love the Red Sox. I wanted to slip in here somewhere that it's a shame they didn't do anything meaningful this decade. A damn shame. As for 2013, Miley Cyrus went flat zero on the razor length and rode near naked on a wrecking ball in the most raucous turnaround of the century. One of my 9th grade teachers played this for us in class.

2016

Harambe. Otherwise, pass.

2019

This year's true highlight (if you can call it that) has been overshadowed by an impeachment hearing that shows no sign of concluding soon. No. I'm talking about something that's touched – scarred – everyone individually and shocked this nation to its core. Of course, it's the last episode of Game of Thrones, in which we saw Bran Stark take control of the seven kingdoms with intense boredom. I haven't seen a group of people come together as seamlessly as season eight haters. It's been cathartic. It's also precisely the communion we need to kick off the next decade on the right foot.

2011

It appears the brightest stars burn out the fastest – she arrived on the largest of stages with little explanation and was swept away with even less. For 25 years she inspired millions. As we know, 2011 brought the end of *The Oprah Winfrey Show* as the Chicago studio film crew rolled the cameras for the last time. No more are we, the live studio audience, blessed with Oprah's gifts. While all great things come to an end, we must remember the best for what they gave us; it happens that Oprah gave out more than her share with unmatched power.

2014

In the winter of 2014, the Polar Vortex broadsided North America. Some say the Night King had something to do with it, which would make sense considering his character first appeared in 2014. These rumors don't have me fooled, though – the Night King turned out to be completely meaningless in the grand scheme of things. Myth busted.

2017

This is one of the angriest moods I've seen the United States embrace in my lifetime. Politics has wormed its way into the parts of our lives we try to keep sheltered from the noise, and it felt like everyone ended up on edge regardless of political opinion as a result. While we're still feeling the effects of that as late as December 2019, I'm hopeful this country can leave it behind as we head into the 20s. It has worn off substantially over the last two years, and you can see it in our daily lives right here at UNH. The less furious everyone is, the better this place tends to be. How's that?

Bret Belden
 Executive Editor

2012

Who can forget the way Kony 2012 invaded our personal lives and demanded money for a misrepresented cause? We Americans thought we were past Internet scams. We were wrong. The video played on the emotions of all demographics with high production value and whispers of armed children in foreign countries. Only the humblest of us donated a majority of our savings for the cause.

2015

Otherwise known as the year Pablo Sandoval's belt exploded, the midway point of the decade brought us our most developed social media capabilities yet. The three big ones – Twitter, Instagram and Snapchat – were firing on all cylinders. It's also the year everyone used their communication networks to trade slurs over the color of a dress. So, I don't know. I guess it's a wash.

2018

Mark Zuckerberg completed his transition to robot in 2018, signifying the rise of the tech giants and their invasion of our homes. The best part about Zuckerberg and Amazon's Jeff Bezos listening to our conversations is that we bugged our own houses for them, with their devices. Plus, who isn't intrigued by the idea of being spied on by people who haven't seen sunlight since their single digit years? Yet another yearly offering totally eclipsed by the 2010 best-in-class comfort Honda Accord Coup.

Letters policy

We welcome letters to the editor and aim to publish as many as possible. In writing, please follow these simple guidelines: Keep letters under 300 words. Type them. Date them. Sign them; make sure they're signed by no more than two people. If you're a student, include your year, major and phone number. Faculty and staff: Give us your department and phone number. TNH edits for space, clarity, accuracy and vulgarity. Bring letters to our office in Room 132 in the MUB, email them to tnh.editor@unh.edu or send them to The New Hampshire, MUB Room 132, Durham, NH 03824.

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FOOTBALL

Laube, Horn, each receive TNH player of the year awards



COURTESY OF UNH ATHLETICS

UNH football finished their season with a 6-5 overall record and a 5-3 conference record. This was a two game improvement from their 4-7 finish last year.

Offensive Player of the Year: Dylan Laube

By Cameron Beall
SPORTS WRITER

In a season with a lot of uncertainty on the offensive side of the ball it's fair to say that the team found a formula that worked; Max Brosmer and his young offense funneled through the running backs.

The offense was held down by a true-first-year quarterback, and each of their top-three running backs and wide receivers featured a senior, a sophomore, and a red-shirt first year player. Among this young core was redshirt first-year

running back Dylan Laube.

While players like seniors Evan Gray and Malik Love may have been more productive at their specific positions, nobody provided the versatility that Laube did. The dynamic athlete from New York ran for 285 yards and reeled in 412 receiving yards on the season for 697 total yards of offense and five touchdowns.

Laube rushed for over 30 yards four different times and recorded at least 30 receiving yards seven times including each of the final five games. He averaged 41.20 yards per game through the air, which is almost 10 more yards

than number one wide receiver Brian Espanet.

Along with the fact that Laube was an instant spark plug for Brosmer and the offense, he also was a major factor in the kick return game. Laube's 675 kick return yards nearly matched his total yards of offense this year. His 23.3 yards per return ranked 36th in all the FCS, and his 675 yards ranks 16th. What makes his number even more impressive is the fact that Laube played two fewer games than nearly everybody in front of him on the list.



COURTESY OF UNH ATHLETICS

UNH scored 20.18 points per game in 2019. This was .09 points above their opponents.

LAUBE	HORN
Rushing Yards- 285	Solo Tackles- 51
Receiving Yards- 412	Total Tackles- 70
TDs- 5	TFL- 7
KR Yards- 3	Sacks- 4
Receptions- 28	Interceptions- 4
	Forced Fumbles- 2
	QB Hits- 1

Defensive Player of the Year: Evan Horn

By Cameron Beall
SPORTS WRITER

Amongst a secondary led by seniors like Prince Smith Jr., Isiah Perkins, and Pop Lacey, it was junior safety Evan Horn that paced the unit all season long.

The defense was the strength of this Wildcat team all season long which was pointed out by head coach Ricky Santos many times. This was a unit with a lot of experience and a lot of leadership; nobody seemed to have a bigger impact than Horn though.

The junior's numbers in 2019 were something to admire. Horn led the defense in total tackles with 40, four interceptions, two forced fumbles and two fumble recoveries. He also fell just shy of the team lead in sacks with four, and sits third in sack yardage.

Not only did Horn put up

numbers faster than any of his teammates, but the safety had a knack to be at the right place at the right time. This was shown with his interception against Villanova to secure the win. It was also evident while laying a big hit to force a fumble against UMaine.

In his final game of the season he recorded a season-high 11 tackles, two sacks and one forced fumble. This game led to the junior earning three different weekly honors. Horn earned the Service Credit Union Student-Athlete Spotlight, the CAA Defensive Player of the Week, and the STATS FCS Defensive Player of the Week.

Horn's efforts this season landed himself on the CAA Second Team All-Defense with fellow defensive back Prince Smith Jr.

MEN'S BASKETBALL

UNH demolishes Maine Maritime 91-37



JACK BOUCHARD/TNH PHOTOGRAPHER

Sophomore guard Marque Maultsby finishes a dunk against Maine Maritime. Maultsby led UNH with four steals and five assists Wednesday.

By Cameron Beall SPORTS WRITER

Men's basketball fell back to .500 when they traveled to Miami for a date with Florida International University. The Wildcats were plagued by injury over the weekend as they started the game with just seven players but couldn't make it to the end of the night without another injury. First-year guard Blondeau Tchoukuiengo exited the game late in the first half and wouldn't return.

FIU quickly gained a nine-point advantage by way of two three-point buckets and a converted and-one opportunity. It wouldn't be long, however, before a trio of three-pointers from junior guard Josh Hopkins catapulted UNH back into the game.

Hopkins was the only Wildcat to break double figures in the first half, tallying 13 points.

The sides would play cat and mouse for much of the first half as they traded leads for just over 10 minutes. The Wildcats would gain the advantage a few times throughout the first 20 minutes, but the Panthers began to pull away with 5:37 to play in the half.

A layup from senior forward Osasumwen Osaghae took away the final UNH lead of the half and put his side in front 24-23. FIU surged ahead on a 13-4 run to close out the half and head into the locker room ahead 35-27.

A pair of three-balls from senior forward Chris Lester helped erase the eight-point deficit within the first two minutes of the second half – tying the game at 35 all.

Lester shot three-for-five from behind the arc and added 11 points for his squad.

Junior Isaiah Banks and Osaghae gave the Panthers a marginal lead once again with a little extra emphasis. The tandem had three-straight slams to go ahead 41-37.

Osaghae finished the night third on his team in scoring with eight points and also adding seven rebounds.

Each side would jostle for leverage most of the second half as no team could secure a lead for long. UNH would change that, however, with about eight minutes to play. A layup from sophomore forward Nick Guadarrama put UNH ahead 57-56 and looked to be in control of the game. Sophomore guard Jayden Martinez, Hopkins, and Guadarrama helped provide an eight-point lead for the 'Cats with 4:51 to go.

Each Wildcat starter scored at least 10 points, and Hopkins led the way with 23 points for UNH. Guadarrama and Martinez each recorded a double-double, contributing 10 points, 12 rebounds, and 11 points, 11 rebounds respectively.

This proved to be too much time for FIU though, as they would tie the game at 69 points

with 0:42 remaining. Guadarrama missed a layup as time ticked away, giving the Panthers the ball back and the shot-clock turned off. A foul by Lester would send sophomore forward Antonio Daye Jr. to the line with under two seconds on the clock. Daye sunk the first shot to secure a 70-69 win for FIU.

The 'Cats came back home following the lost and welcomed Division III Maine Maritime into the Lundholm Gymnasium. UNH remained banged up after returning from Miami, only dressing eight players as senior Mark Carbone, and junior Sean Sutherlin remained sidelined. The team also lost first-year point guard Blondeau Tchoukuiengo for the remainder of the season as he tore his patella tendon at FIU.

Head coach Bill Herrion comment on the status of his team with so many of his guards sidelined at the moment.

"We need people back," said Coach Herrion. "It's day-to-day, you can't rush them back, they'll come back when they're ready but hopefully it's soon."

UNH jumped out to an early 10-2 lead thanks to six early points from Hopkins – including a three-point basket.

The damage wouldn't stop there as the Wildcats piled on a 15-0 run to take a commanding 38-10 lead with 7:50 to go in the first half of play.

The team played a very methodical brand of offense in

the first 20 minutes, only tallying one turnover the entire half which led to a comfortable 35-point lead heading into the locker room.

Guadarrama was once again the most efficient player on the court through the first half, recording 14 points and shooting four-for-five from downtown, while adding eight rebounds.

In the first few trips down the court out of halftime, the Mariners seemed like they may be able to cut into the lead a little bit, but to no avail. MMA strung together a few baskets but never cut the lead to lower than 34 points the rest of the way.

The more time that went by, the less competitive the game got, but that didn't take the fire out of UNH's game. Leading 75-30 with 8:05 to go, UNH called a timeout and sophomore guard Marque Maultsby had an animated interaction with his teammates on the sideline following some miscommunication on the previous play.

"It was just a communication issue on the floor; we were trying to run one of our plays and our five man was on the wrong side of the floor, and I started getting really mad."

Maultsby led the team with 32 minutes in the game as he was forced to take the point guard duties for most of the night. In the absence of Carbone, Sutherlin, and Tchoukuiengo, Maultsby tallied 15 points, six rebounds, and five assists.

Maultsby mentioned postgame how he's been adjusting to taking over so much of the workload.

"It's definitely been difficult with Blondeau going down, Mark, and Sean couldn't play at FIU, so I've got to pick up my stuff. Right now, it's real tough but hopefully it'll get better soon."

The Wildcats slowly buried the Mariners in the second half, leading by as much as 55 points. Maritime simply didn't have the size to matchup with a Division I opponent and it showed as UNH got back above .500 with their 91-37 win. They are now 5-4 on the season.

"We felt we were going to be the more physically dominant team," Coach Herrion said. "We just wanted to try to impose our will on them."

Hopkins and Guadarrama each sat the last 10 minutes of the game as the lead looked to be secure. Hopkins netted 17 points in 25 minutes, and Guadarrama scored 16, and collected nine rebounds in 27 minutes.

Jayden Martinez recorded yet another double-double in the win with 17 points and 10 boards.

UNH will head to Quinnipiac on Saturday, Dec. 7 with a chance to go two games over .500 for the first time since the second game of the season.

WOMEN'S BASKETBALL

NDSU bests UNH in back and forth battle



JACK BOUCHARD/TNH PHOTOGRAPHER

UNH has averaged seven points less than their opponents this season (61.9 to 68.9) and have shot 3.6 percent less than their opponents (37.8 to 41.4).

By Josh Morrill
SPORTS EDITOR

This past Sunday afternoon, the UNH women's basketball team (2-5) suffered their fourth loss in their last five games to North Dakota State (1-7) in the schools' second matchup ever. Their last matchup was last season and North Dakota State won 56-51.

The Wildcats fell short this year by a score of 67-61 despite senior forward Ashley Storey registering 19 points, three other Wildcats eclipsing the 10-point mark and shooting 85 percent from the free throw line collectively.

Storey detailed her thought process about playing well despite her team's lack of success in 2019.

"I really don't care about how I play. I just want to win. I'm just trying to help my team win

and if we aren't doing that then I'm not happy."

From the jump, both schools were aggressive and sharp with their offensive decision making as the game was tied at nine after four minutes.

The rest of the first quarter consisted of a run by both UNH and NDSU. The Bison struck first as they went on an 8-2 run to give them a 17-11 lead with a little over four minutes remaining. The Wildcats would take the punch and counter with their own 6-2 run to cut the lead to 19-17.

Unlike the first quarter, the second 10 minutes of the game were severely lopsided in NDSU's favor. The first minute of the period would not suggest that, as the Wildcats forced back-to-back turnovers and took the lead, but from then on it was all NDSU.

UNH held a 24-23 lead with 8:12 left in the second quarter, and a 10-0 run by the Bison gave them a stranglehold on the game with 2:10 left before the half.

The 'Cats chipped away with buckets here and there in the remaining time before the halftime buzzer, but what really discouraged UNH going into the locker room was NDSU's buzzer-beater three that gave them an 11-point lead.

UNH's discouragement seemed to be erased by head coach Maureen Magarity as they came out in the third quarter with their pants on fire and cut the Bison's lead to 36-31; this prompted a timeout from the NDSU coaching staff.

When asked about her halftime adjustments, Magarity attributed the change in play to her team.

"Our players were just playing harder. We need to be more consistent with our play overall, but I think we played hard coming out in the second half and that gave us a chance."

The Bison got back on track after the lip service from head coach Jory Collins and went on

another run, this one was 9-4 over a span of just under three minutes. This pushed their lead back to double digits at 45-35.

The game was a series of Bison punches that UNH had to either counter or surrender to, and UNH fought back at every moment of adversity, as they responded with a 7-4 stretch to get the NDSU advantage down to seven going into the fourth quarter. The Wildcats outscored the Bison 17-13 in the third despite recording seven turnovers.

Senior guard Caroline Soucy (12pts) opened the fourth quarter scoring with a pull-up jumper from the foul line, but any momentum that the Wildcats accumulated was gone when the Bison responded with two quick buckets to silence the crowd.

UNH made their final push with 3:32 left in the game as junior guard Amanda Torres hit a three-pointer to cut the lead to six once again. At this point the NDSU bench was really sweating

and called a timeout to stop the bleeding.

After the timeout, UNH was able to get the ball back on a silly offensive foul by the Bison. The 'Cats had the opportunity to cut the lead even further, but they squandered it when they failed to score on the next possession. NDSU responded with an aggressive drive to the basket and two made free throws to push the lead to eight.

From then on, the Bison took their foot off the gas a little bit which allowed UNH to outscore them by four points the rest of the way, but it still resulted in a six-point win for NDSU. After the loss, the Wildcats fall to 0-3 this season in games decided by ten points or less.

UNH returns to action against the UMass Minutemen on Dec. 5 at 7 p.m. This will be their first away game since Nov. 16 against Merrimack.

UPCOMING SCHEDULE

12/5 @ 	12/8 VS. 	12/18 @ 	12/22 @ 	12/29 @ 
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MEN'S SOCCER

Virginia Tech spoils tournament run



JACK BOUCHARD/TNH PHOTOGRAPHER

Senior midfielder Alan Kehoe (above) handles the ball. Junior forward Jacob Gould scored UNH's lone goal in their loss to Virginia Tech.

By Will Sirbono SPORTS WRITER

The 2019 season for the UNH men's soccer team was the best in the program's history. This is largely due to their program-best 15-2-3 record as well as both an America East regular season and America East tournament title.

Unfortunately, their best wasn't good enough this time as they suffered their second loss of the season to Virginia Tech (10-6-3, 2-4-2), losing 4-1 in the second round of the NCAA Tournament. While this was indeed the most successful regular season in the program's history, they came up short of their ultimate goal of winning the College Cup.

"Our coaching staff set the bar really high," senior forward

Donnett Sackie said after the Wildcats' 5-0 win against Hartford on senior night in which he scored two goals. This team certainly had their sights set higher than the second round of the NCAA Tournament, but it was a great season nevertheless.

As far as the actual game is concerned, UNH got out to an early 1-0 lead thanks to junior forward Jacob Gould, who scored his fourth goal of the year in the 16th minute of the game.

Unfortunately for the 'Cats, that lead wouldn't last long as the Hokies would tie up the game one minute later. It was towards the end of the first half when the Hokies broke free of the tie, scoring twice in the 35th and 38th minutes, making the score 3-1 before the end of the half. UNH got a scoring chance just a

minute later, but senior forward Brandon Garland shot it right into the goalkeeper's chest and it was saved. UNH also failed to capitalize on the following rebound that soared over the crossbar off the foot of first-year midfielder Bilal Kamal.

Although the Wildcats were down two goals, they kept the pressure on in the second half, narrowly missing shots that were created by Kamal, graduate midfielder Kyle Brewster and junior defender Josh Bauer. Where UNH couldn't capitalize, Virginia Tech did, as they extended their lead to 4-1 in the 77th minute, putting the game out of reach. UNH seemed to be on the cusp of scoring more goals throughout the game and got 17 shots off, but just couldn't find a way to cash in on their chances. This was a

frustrating loss to conclude a great season by the Wildcats.

In a remarkable year for the Wildcats, they went undefeated at home, making their record 34-1-4 at Wildcat Stadium since the beginning of the 2017 season. Goalkeeper and graduate student Alejandro Robles recorded eight shutouts on the season and if you include the postseason, he had 11 shutouts in 18 games started.

On a very talented roster, Antonio Colacci scored 23 points on seven goals and nine assists. This was the most by a UNH player since Chris Arling in 2016 when he had 31 points on 15 goals and one assist. On top of those statistics, the Wildcats had six players reach double-digit point totals, which is the most of any UNH team over the past decade.

The Wildcats hope to

improve in their 2020 campaign, but it will be tough as they have six seniors and five graduate students that will be leaving Durham. Those seniors are Antonio Colacci, Brandon Garland, Jack Doherty, Donnett Sackie, Chris Arling and Alan Kehoe. That is 50 points worth of production that will be subtracted from the UNH roster. Yet, some critical players are returning like Josh Bauer, Jonny Wolf, Bilal Kamal, Jacob Gould, and Linus Fallberg. They will have to step up to replace the departing production.

While the team is losing some good offensive talent, they still have some great talent returning and it'll be up to head coach Marc Hubbard and his staff to groom the next set of UNH stars.

SPORTS

TNHDIGITAL.COM

Thursday, December 5, 2019

The New Hampshire

MEN'S HOCKEY

'Cats travel to Europe for Friendship Four



PHOTOS COURTESY OF WILLIAM CHERRY

Forward Liam Blackburn poses with UNH hall of famer Ralph Cox after winning game MVP against Princeton, where he scored two goals.

By Sam Eggert
SPORTS EDITOR

In their trip to Belfast, Northern Ireland, the UNH men's hockey team (7-6-1, 3-4-0) participated in the Friendship Four and fell to No. 12 Northeastern (10-4-2, 6-3-1) and defeated Princeton (1-6-3). The other team competing in Belfast, Northern Ireland was Colgate (5-7-4).

The 'Cats fell 4-0 to the reigning Hockey East champions, the Northeastern Huskies, in the first game of the Friendship Four. This was their first matchup with former Wildcat, fifth-year forward Brendan van Riemsdyk. Van Riemsdyk has not made much noise as a Huskie, having scored only one goal this season in a 3-6 loss to UMass Amherst. Van Riemsdyk recorded 44 points in his three years at UNH with 20 goals and 24 assists in 106 games.

The Wildcats were able to sustain a scoreless first period, but the UNH defense deteriorated in the final two periods.

Despite outshooting Northeastern 11-8 in the second period, it was the Huskies that were able to net two goals in the period. The first of which was a wrist shot by senior

defenseman Ryan Shea, his first of the season. Shea scored his second goal of the season in their next game against Colgate, that they won 4-3.

The second Northeastern goal came from junior forward Zach Solow on a tip-in off a shot from Shea. That was Solow's fifth goal of the season.

In the third period, Northeastern struck again with first-year forward T.J. Walsh's second goal of the season. Walsh sent a loose in front of the goal to the glove side of the net seven minutes into the period.

Three minutes later, senior forward John Picking extended the Northeastern lead to 4-0 after tipping in a slap shot from sophomore forward Tyler Madden. UNH's junior goaltender Mike Robinson recorded 21 saves and gave up four goals. Northeastern's fifth year goaltender Craig Pantano recorded 25 saves in his first shutout of the season.

In Saturday's bid against Princeton, UNH pulled out a 3-2 win off a game winning goal from sophomore forward Filip Engaras.

UNH jumped out to a quick lead with senior forward Liam Blackburn's first goal of the season. Blackburn converted the goal off an assist from junior forward Eric MacAdams who dished a from the right side of the net to Blackburn who was positioned directly in front of a wide-open net.

With two minutes remaining in the first period, Princeton's sophomore forward Christian



O'Neill tied the game at one. UNH controlled the first period, outshooting the Tigers 15-4.

Four minutes into the second period, Princeton's senior defenseman Derek Topatigh gave his team the lead on a power play goal.

Eight minutes into the fourth period, Blackburn netted his second score of the game and season. Blackburn drifted toward the net and ripped a shot to the lower glove side of the net, assisted by MacAdams and junior defenseman Max Gildon.

Last season, Blackburn scored 10 goals and shot .139 on the season. This year, he is shooting .077 and was yet to score a goal until Saturday.

UNH head coach Mike Souza expressed the sense of relief that came from Blackburn's performance.

"That was a huge relief for him. I'm very happy for him to score two huge goals for us, and hopefully that leads to more production. It takes the pressure off of everyone, the more guys you have going."

A minute later, Engaras scored what would be the game winning goal off an assist from junior forwards Kohei Sato and Charlie Kelleher. Sato ripped a shot to the net that was saved, and Engaras tipped it in past the Princeton goalie.

UNH continues play Friday Dec. 6 for a home game against Merrimack (3-9-2, 1-4-2). On Saturday, both teams will head to North Andover for a bid on Merrimack's home ice.

