



(Left) Industrial engineering senior **John Marc Kohl** and Zac Castillo work on editing music in the Modest House.

MODEST HOUSE
CONTINUED

"We have that on one front and on the other are these local artists, because there are a lot of local artists, there are a lot of people who have talent but they have no way of getting it out there," Dorman said.

A concern among the three guys before beginning the recording sessions was that eventually within the community they would "tap the well dry after a few artists," said Dorman, a fear that hasn't phased them so far.

"It's like, 'Aw man, there are not people here, everyone who has talent is in Austin or Dallas,' and that's really not the case at all," Dorman said. "You create the culture for people to come to, you don't wait and say, 'The people aren't here.' You have to create it."

Modest House Sessions is just one of the ways in which the Bryan-College Station art scene is expanding. John Marc Kohl, industrial engineering senior, is one of the student singer-songwriters who has recorded with Modest House. Kohl said it's a giant step forward in providing local artists an outlet for their craft.

that's so cool, I want to work on my stuff.' It's a huge catalyst."

The trio doesn't necessarily limit their recording sessions to their home — they also facilitate what they call "around town sessions." One such session included recording Nightowls at the Amity Building in Downtown Bryan as well as the Northgate Vintage clothing shop on University.

Dorman serves mainly as the group's public relations manager and Davis handles the cinematography of the sessions, although all three often delve into each other's area of expertise.

Castillo, who focuses mainly on the audio and production aspect of the sessions, said live recording sessions with artists, such as Mahogany Sessions and Cardinal Sessions on YouTube, connect the featured artists with their fans in ways that a solely audio version of a song cannot.

"I think that's what makes it so attractive to people," Castillo said. "Our goal is that it's intimate, it's our house. And so we try and get to know the artist that we're recording. It's more of a community thing."

With some sessions, four to five cameras are used to film the artist and their music while some sessions involve only a one- or two-camera shoot, Dorman said. Getting to know the artists being recorded in an intimate environment is a feat unique to recording studios like Modest House.

"We try to capture the parts that you wouldn't normally see like us talking to the artists and connecting with them," Dorman said. "We've done where we have artists come in and we spend the whole day with them. We hang out and that's really what we want to do."

A&M Lyme Lab looks closer at ticks

By Connor Smith

When people think of ticks, they tend to think of their cats and dogs, however ticks also pose a threat to humans. Ticks carry Lyme disease, which has the potential to be life-altering and even deadly if left untreated.

Maria Esteve-Gassent, assistant professor of veterinary medicine and biomedical sciences, conducts research on a potential vaccine for Lyme disease at A&M's "Lyme Lab." Several past studies have shown promise in the development of a vaccine, however there is not currently a drug available to the public.

Esteve-Gassent's work includes much more than possible cures, however, as she and her team try to understand why Texas has such a low amount of Lyme disease infections despite an environment that provides everything necessary for higher infection rates.

Esteve-Gassent studies tick ecology in Texas to understand the phenomenon. Through her research, she intends to develop a better understanding of the risk level that ticks pose in Texas and other low endemic states, or states in which the rate of Lyme contractions are relatively low.

The Lyme Lab studies the different components that come into human tick interactions, such as a tick's feeding preference. One question they hope to answer is whether humans are a first choice for ticks or more of a last resort.

Esteve-Gassent also looks into the truth behind a common Lyme perception — Lyme disease is typically thought of as a summer disease, but it's unclear whether it is because the summer is warm enough for north-



Maria Esteve-Gassent examines a tick sample at the Lyme Lab.

east ticks, or if the spike in contractions is due to more people going outside.

A&M is not the only player in this search for a cure. Last November a paper came out in which a group had developed a potential vaccine using the same membrane protein that had been used in a previous vaccine. The previous vaccine had to be discontinued due to negative side effects, and this group had found a way to stop the side effects. Esteve-Gassent was one of the reviewers of that paper.

"It's all promising, because we don't have anything now, so anything that comes out is good," Esteve-Gassent said.

Adrienne Brundage, a professor in the entomology department who teaches a medical entomology course, explained the different factors needed for a vectored disease like Lyme disease to take hold in an area.

"When you think about a disease cycle, you have to have quite a few things all playing at the right time," Brundage said. "You have to have your vector, you have to have the disease agent, you have to have your reservoir and then you have to have a host. All together at the same time, and active."

RACE CAR CONTINUED

the chassis team and mechanical engineering senior, described the theme of their project.

"The theme of this year's design was 'the driver's car,' where the focus was on making things more ergonomic and optimized for the driver," Letourneau said. "The intensive driver training program at A&M helps us to work with the best of drivers and so most of our designs are justified with their comfort in mind. A lot of schools spend over \$100,000 to compete with a lot of third-party designs, but most of the stuff we've got is either made

in-house or designed by our engineers."

From software design to part fabrication, students custom-engineered the race car and reduced production time and costs.

"We bought most of our stuff from eBay or Amazon. For example, microcontrollers for our indigenous data acquisition system, where we devised our own network protocols," said Ziam Ghaznavi, electrical team member and mechanical engineering senior. "This gave us increased flexibility and scalability with the sensors we use and also brought our costs down from \$1,500 to \$300."

Most of the students had no prior

experience with a project of this scale or technical depth. Interns from the Mays Business School also assisted the Aggie race car team, which hopes to expand to other competitions by increasing collaboration with other departments.

"It is their car — the seniors get credit for their car and this is one distinction we take pride in," said project manager Jeff Brown.

The Aggie race car team has won five championships in the last 15 years and this year's team will put its race car on display at 5 p.m. Friday at the Student Recreation Center for the Red Bull Paper Plane Contest.

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		5	9	8		7	4
6				3			1
8			7		6		2
	3			9			2
1		7		5		8	3
	9		3				6
9			5		7		6
	5		9				7
7	4		8		3	2	

Newsday Crossword

- ACROSS**
- 1 Grows dim
 - 6 Figure-skating surface
 - 9 Opera solo
 - 13 Pennsylvania buggy-riding sect
 - 14 Natural bandage
 - 15 Family rooms
 - 16 Take a short break
 - 19 "Come _ _ _ _ _ used?"
 - 20 Manager's helper. Abbr.
 - 21 Answer a help-wanted ad
 - 22 From the sun
 - 24 Huff and puff
 - 26 Raggedy doll
 - 27 Square dance lass
 - 28 "See _ _ _ _ _ care!"
 - 31 Sudden outpouring
 - 34 Coupe or sedan
 - 35 Lumber material
 - 36 Concede defeat
 - 39 Aroma
 - 40 Prepare, as a salad
 - 41 Remove pencil marks
 - 42 Direction opposite ENE
 - 43 "Are there _ _ _ _ _ questions?"
 - 44 Tree with acorns
 - 45 Small horse
 - 47 Prayer endings
 - 50 Clip wool from
 - 53 More than half
 - 56 Sales agents, for short
 - 58 Fight unfairly
 - 61 Whitish germ
 - 62 Takes to court
- DOWN**
- 1 Clock dial
 - 2 Stock up on
 - 3 "Me too"
 - 4 Moving staircase
 - 5 "No talking!"
 - 6 Post-op areas: Abbr.
 - 7 Lanes for riding golfers
 - 8 Recade
 - 9 Highly skilled
 - 10 Harvest, as crops
 - 11 Worldwide: Abbr.
 - 12 Like an unswept fireplace
 - 14 Nautical "Help!"
 - 17 Knitting material
 - 18 Competed in a marathon
 - 23 All over again
 - 25 Skin-cream ingredient
 - 27 Courageous
 - 28 Where Des Moines is
 - 29 Enemies
 - 30 Not doing anything
 - 31 Stash away
 - 32 Many professors' degrees: Abbr.
 - 33 In _ _ _ _ _ (lined up)
 - 34 Without a byline
 - 35 Underling in a hive
 - 37 "Let's call _ _ _ _ _ evening"
 - 38 Group of athletes
 - 44 Solemn pledge
 - 45 Painter Picasso
 - 46 Metallic rock
 - 48 Has to have
 - 49 Divide in two
 - 50 "Scatt"
 - 51 What hula dancers swivel
 - 52 And others: Abbr.
 - 54 Has bills to pay
 - 55 Roads that often cross aves.
 - 57 Remain
 - 59 Baton Rouge campus: Abbr.
 - 60 CPR expert

BASEBALL CAMP by Gail Grabowski Edited by Stanley Newman www.stanxwords.com

1	2	3	4	5	6	7	8	9	10	11	12
13					14				15		
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ANSWERS to today's puzzles

3	2	5	9	1	8	6	7	4
6	7	4	2	3	5	9	1	8
8	1	9	7	4	6	5	3	2
5	3	8	6	7	9	4	2	1
1	6	7	4	5	2	8	9	3
4	9	2	3	8	1	7	6	5
9	8	3	5	2	7	1	4	6
2	5	6	1	9	4	3	8	7
7	4	1	8	6	3	2	5	9

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