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Summoury



DALAI LAMA JOINS PATTI SMITH ON GLASTONBURY FESTIVAL STAGE 16 NATIONAL COMEDY CENTER PROMISES LAUGHS, LEARNING 18 'TED 2' LAGS BEHIND 'JURASSIC WORLD;' 'INSIDE OUT' 48 GRATEFUL DEAD ENTHRALL FAITHFUL IN FIRST OF 5 FINAL SHOWS 70 NBC TO DONALD TRUMP: YOU'RE FIRED 76 LOOKING FOR LOVE ON A DATING APP? YOU MAY FIND MUSIC INSTEAD 92 REAL HOUSEWIFE VICKI GUNVALSON GETS REAL ABOUT REALITY TV 98 'GLEE'-TYPE MUSIC CONTEST CROWNS WINNERS IN NEW YORK CITY 130 'GENERAL HOSPITAL' ACTOR GEARY TO END ROLE ON JULY 27 134

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Emilia Clarke Conquers The Big Screen With A'Terminator'

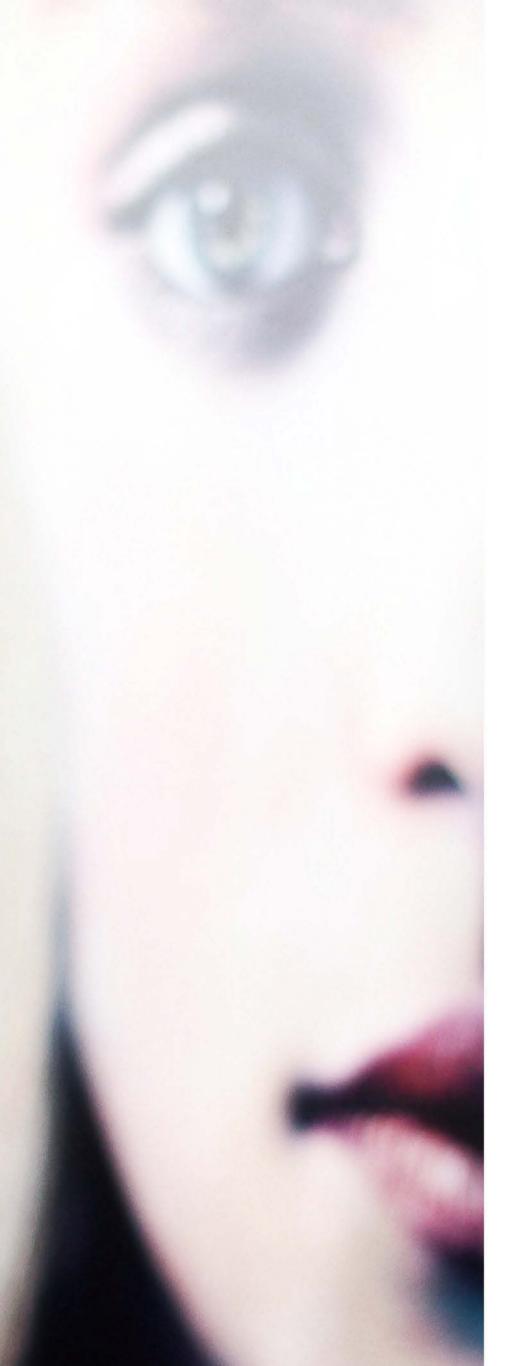
The secret about overnight success in Hollywood is that it never actually happens that way.

To the casual observer, Emilia Clarke might look like one of the lucky ones: The young British actress was seemingly plucked out of the ether to star as Daenerys Targaryen on HBO's wildly popular "Game of Thrones." Just a few years later, she was chosen to make the leap to a summer blockbuster as Sarah Connor, one of action's most iconic heroines, in "Terminator Genisys," out Wednesday.

The ebullient Clarke, who nearly jumped out of her seat to answer questions in a recent interview, is the first to stress that she's lucky to have reached these heights by age 28. But her path to playing some of the big and small screen's most powerful women wasn't exactly laid out before her. Though Clarke is not from a royal Hollywood bloodline, she likes to say that she "grew up backstage" at the theaters of London, where her father was a sound designer. Clarke has also said she wanted to act since she was 3 years old, although that makes her laugh now.

"It was one of the first interviews I'd ever done and it was like, pick a number, any number, and I was like, `Let's go with 3. Sure. Why not?' Basically





I just wanted to say from very young. I just can't even think of a time in my life where I didn't want to be an actor," she said.

After hearing her prattle on for years about acting ambitions, her parents trotted her out to look at a drama school when she was 11. Clarke was terrified.

She saw the other kids in the school, hyper serious and driven, and decided she wanted to stay with her regular studies, work hard and get good grades, "just in case."

If she still wanted to be a part of that world when she turned 18, she would go to drama school.

It turns out, she did. After a couple of "terrible tries," she got on a waiting list at the Drama School of London. When someone dropped out, she got in. But even upon graduation, there were only waitressing and other non-acting jobs available - things she swears she was "really, genuinely awful at."

After scoring a few minor television roles the year after graduating, Clarke got "Game of Thrones" in 2010 and instantly became a fan favorite as the Mother of Dragons. She's now one of only a handful of original cast members whose characters are still alive on the show.

Then in late 2013, Alan Taylor, who had directed Clarke in "Game of Thrones," cast her as Sarah in "Genisys," the fifth film in the James Cameron-created series.

She could barely wait to get started, and dragged co-star Jai Courtney to some acting classes far before production began so that they could begin to workshop their characters. On set, when she wasn't working to keep up with her burly male co-stars, including Arnold Schwarzenegger, she was in weapons training, stunt training, or just working out.

"There's such authority in this young woman coupled with this tremendous vulnerability," said Taylor. "You look at those eyes and you kind of



your life." have it both ways. when I'm not filming."

want to take care of her at the same time that she's barking orders at you and scaring you."

This Sarah Connor is a different take on the character Linda Hamilton originated 31 years ago. She's a warrior from the start, living out a predetermined destiny to give birth to the leader of an eventual revolution. But she's dismayed by the lack of choices in her life - which is not dissimilar to Clarke's "Game of Thrones" queen, or even her own experiences.

Clarke has seen how the trajectory of fame can easily get out of hand. While there are wonderful plusses, she said, there are also the day-to-day realities and pressures and "the fact that the choices that you make may reverberate with a 13-year-old girl reading a magazine about

It also helps when you can exist somewhat under the radar in your daily life. Without her long, blonde "Game of Thrones" wig, Clarke gets to

"I've been incredibly lucky in that I'm unrecognizable without my wig," said the actress, who lives in London. "People don't clock me at all. On one level on a day-to-day basis it's brilliant because I live a ridiculously boring, normal life

Up next, Clarke is about to start work on an adaptation of JoJo Moyes' book "Me Before You" and will be back for a sixth season of "Thrones" in no time. As for what the future holds, Clarke says she just wants to do "a little bit of everything."

"I feel confident that I can try lots of different things. An independent drama, a romantic comedy, Pixar animation," she said. "Maybe even a female James Bond! Just throwing it out there."

'Changed' Justin Bieber Attends Sydney Church Conference







Justin Bieber credited a Pentecostal pastor with changing his life as he mingled Tuesday with thousands of Christians at a five-day church conference in Sydney.

The 21-year-old Canadian pop star praised Hillsong Church's New York City pastor Carl Lentz, who has recruited several American celebrities and sports stars to the Sydney-headquartered church. "I'm glad to know him. He's changed my life," Ten Network television reported Bieber saying as he interrupted an interview with Lentz at the Allphones Arena where 20,000 worshippers are attending the annual conference.

Bieber and friend Hailey Baldwin arrived in Sydney by private jet on Monday for the conference that runs through Friday.

"People come from across the world to Sydney each year to attend Hillsong Conference. Justin is here - like tens of thousands of others - as a delegate who is seeking to build stronger foundations into his life," Hillsong said in a statement.

Hillsong senior pastor Brian Houston said Bieber had paid his own way to Australia.

"It was a last minute thing. I really admire him for it," Houston told Ten.

"I think a lot of things got the better of him, like happens with young kids," Houston told Nine Network television.

"No doubt he'd probably be the first to say he lost his way in a whole lot of ways and, yeah, I think he realizes that it's now-or-never time to try to build better foundations into his life," he added.

Bieber's string of offstage troubles includes reckless driving and a misdemeanor vandalism case for egging a neighbor's house.





Analyses Modesty In an Era of Self-Promotion

One of the most talked-about appearances at Britain's Glastonbury music festival wasn't a singer or rocker - it was the Dalai Lama.

The exiled Tibetan spiritual leader joined singer Patti Smith on stage Sunday, where she led the crowd to sing "Happy Birthday" to mark his 80th birthday next week. She then presented him with a birthday cake.

The spiritual leader, who appeared at the festival for the first time, praised Smith's white hair, voice and "physical action," saying she was "very beautiful, very forceful."

He earlier spoke on a small platform about the need for a moral education at schools and universities. The Nobel Peace Prize winner also praised Glastonbury a "festival of people, not politicians and governments." He earlier dismissed as a "usual response" criticism from the Chinese foreign affairs ministry, which said it was firmly opposed to any organization that gave a platform to his "anti-China separatist activities." "Whenever I meet people or an organization, the Chinese officials always protest," he said. "They consider me as a demon so they have to oppose the demon's activities, although I'm not seeking independence or separation."





National Comedy Center Promises Laughs, Learning

Did you hear the one about Bob Hope, Rodney Dangerfield and Andy Kauffman performing on the same stage?

It might not be a joke once the National Comedy Center opens its doors.

Plans for the museum in an out-of-the-way city in western New York include a hologram comedy club that will put visitors in the audience for classic routines of comedic legends.



Developers aren't ready to release the "performers" yet but say dozens of the late greats are in the mix.

It's all part of a plan to ask not just what's so funny, but why.

The center planned in Lucille Ball's hometown fulfills the late comedienne's wishes that humor in general be honored, not just her, daughter Lucie Arnaz said.

"She didn't want anything like a statue or something sort of dead or lifeless," Arnaz said by phone from California.

Although her parents would be flattered by the Lucille Ball-Desi Arnaz Museum that went up dedicated to their show biz careers, she said they would be even more thrilled by the new comedy center breaking ground this summer and expected to open as early as next year.

"It's not just about Lucy, it's about everybody, that's what I love about the center," said Arnaz, who along with her brother Desi Arnaz Jr., Jerry Seinfeld, Carol Burnett, Paula Poundstone and Dan Aykroyd, are among celebrities who have given the plans a thumbs-up.

The hologram comedy club will open in a partnership with Hologram USA, the firm behind the late Tupac Shakur's 2012 "live" performance at the Coachella Valley Music and Art Festival. The company is in discussions with the estates of numerous comedians who could be featured, a spokesman said.

Also on the drawing board are a comedy "boot camp" offering how-to instruction on joke delivery, a writer's room experience that peeks at the process behind groundbreaking comedy, and perhaps a heckle booth for the brave who, after being given jokes, think they could resist being thrown off their stand-up game.

Local Projects, the media and architecture design firm behind the 9/11 Museum media design,



along with Jack Rouse Associates, are other creative forces.

"Everyone should go to NCC and walk out knowing more about how they're funny, why they're funny, what makes them funny," said Local Projects founder Jake Barton.

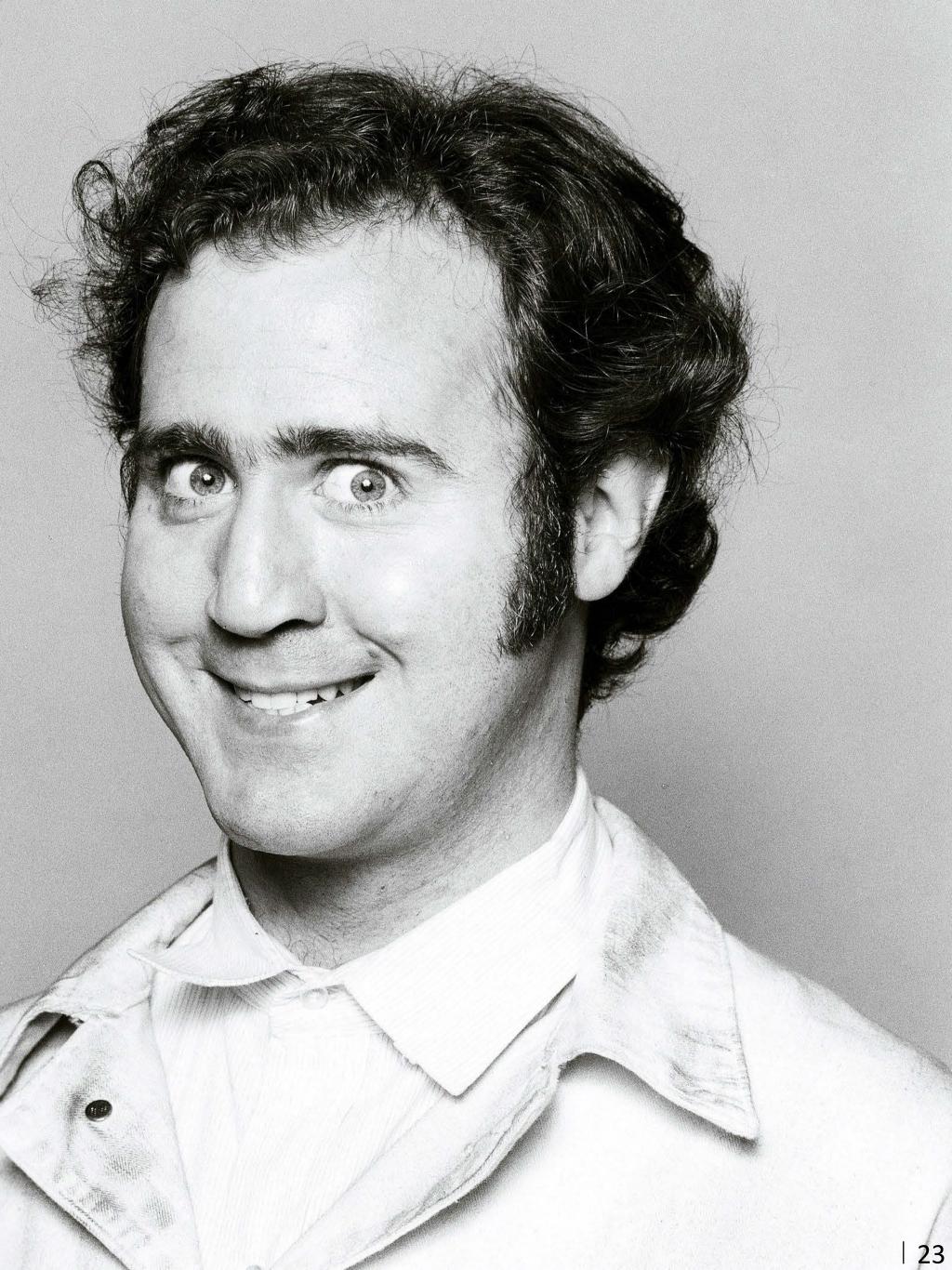
With nearly an acre (0.4-hectare) of exhibition space, the new center will occupy the restored art deco Jamestown Gateway Train Station, a former city-owned utility building and a new connecting building in between, said Journey Gunderson, executive director of the nonprofit National Comedy Center Inc., which also oversees the existing Lucy-Desi museum.

Lucille Ball "wanted Jamestown to celebrate all forms of comedy," Gunderson said. "She felt like the comedic arts were so important to her and so important to everyone's lives that that's really what Jamestown should do."

A groundbreaking is planned during this year's annual Lucille Ball Comedy Festival, scheduled from July 30-Aug. 2.

There are plans for an array of interactive experiences that will help visitors see humor in a way they never have before, both that of the comedic greats and their own personal brand of funny, Barton said.

"You want it to be an incredible revelation about both what makes things funny and why you're funny," he said.



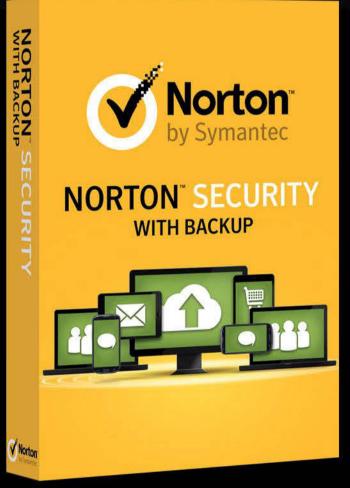


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ARNIE MAKES HIS MUCH-ANTICIPATED RETURN

Does the Terminator film franchise really need any introduction? It is by far one of the best-known and influential science fiction franchises in history, rivaling Star Wars and Mad Max. From its rather inconspicuous beginning in the 1980s, it has also helped to make its biggest star, Arnold Schwarzenegger, one of the most bankable forces in Hollywood. Fast-forward to 2015, and he's back in a new Terminator movie, Terminator Genisys, set for release on July 1 - and he isn't the only reason to take notice of this new theatrical installment.

A LONG AND SUCCESSFUL SAGA

The entire Terminator franchise is huge, having long expanded from films to also encompass comics, novels and other cultural forms. It all began with the first film, The Terminator, in 1984 - in which Schwarzenegger played the eponymous character, who travels back in time from 2029 to kill Sarah Connor. The sequel, Terminator 2: Judgment Day, was released to huge critical and commercial success in 1991, but the two most recent theatrical additions to the franchise, Terminator 3: Rise of the Machines in 2003 and Terminator Salvation in 2009, have not replicated this success.







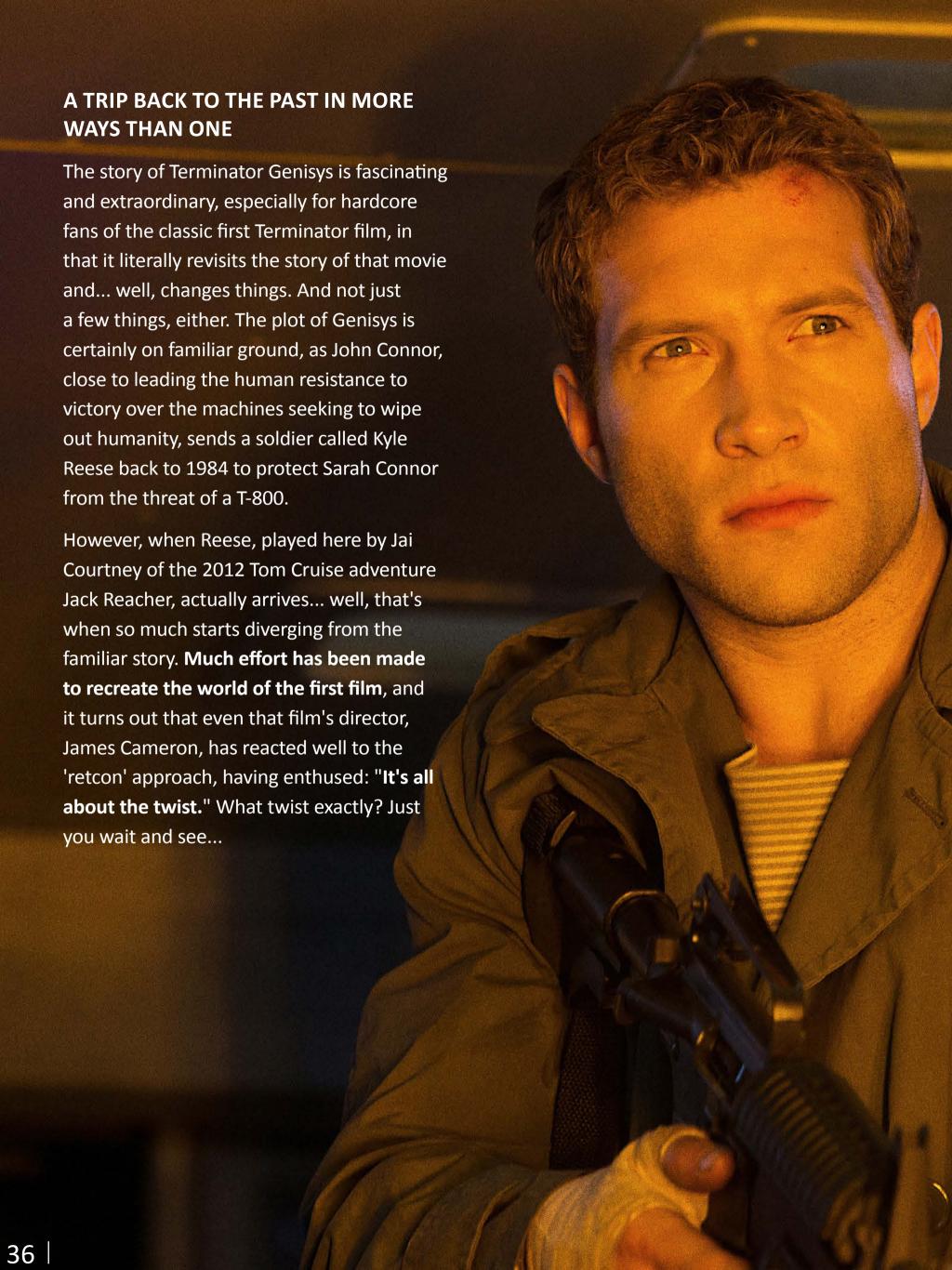
MANY NEW FACES WITH A LOT OF PROMISE

For Genisys, Arnie is joined by many young actors who have attracted praise for their performances elsewhere, but are making their bows in a Terminator movie. These include Emilia Clarke, whose most high-profile role is Daenerys Targaryen in Game of Thrones and who plays a Sarah Connor very different to the one that we are all familiar with. Meanwhile, South Korean actor Lee Byung-hun depicts the memorably-threatening antagonist played by Robert Patrick in Terminator 2, the shape-shifting T-1000.

Another man making his Terminator debut is director Alan Taylor. As a matter of fact, Genisys is easily his highest-profile directorial project yet, surpassing the 2013 superhero sequel Thor: The Dark World. However, Taylor does have a long history of working on hugely successful television dramas, including Sex and the City, Game of Thrones, The Sopranos and Mad Men.













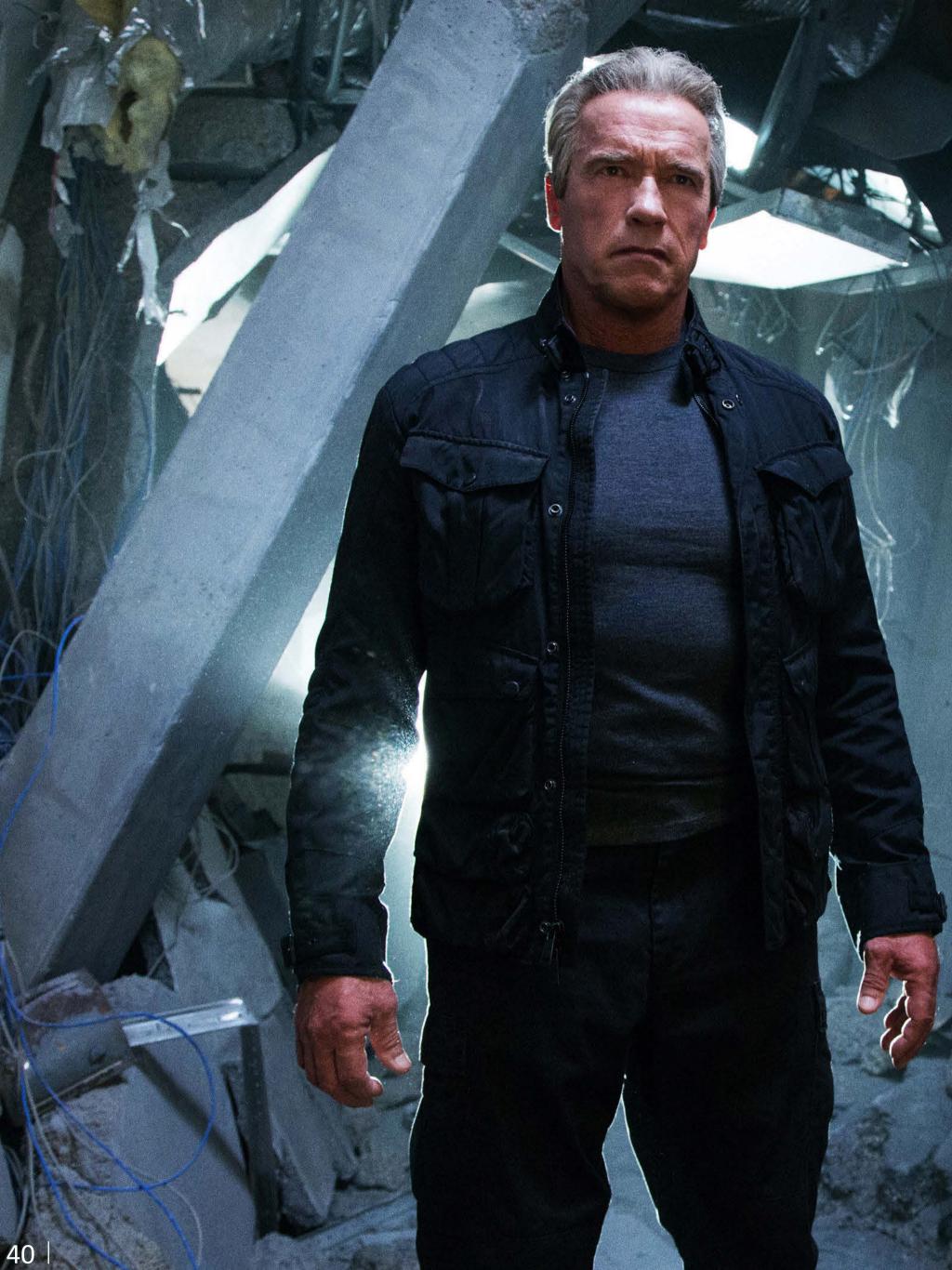


Image: Melinda Sue Gordon

NOT ALTOGETHER POSITIVE REVIEWS

It is impossible for us to proceed with discussion of Terminator Genisys without first acknowledging the very real differences between the early critical reviews and predictions of how it will fare at the box office. The professional writers... well, they haven't been sold on its merits so far, but the general public look set to carry it to handsome commercial success, as they have long done for both 'hits' and 'misses' in the franchise to date.

In rounding up the reviews, Tech Times writer Cameron Koch described the film as looking "completely bonkers. Judging from the trailers, the film seems to take what fans thought they knew about the franchise and spin that on its head. Maybe that's not a good thing." Among those to agree with such a sentiment was Variety's Justin Chang, who was unconvinced that John Connor's conversion into a villain was a good thing for the film. He commented: "The what-thehell invention of the first half gives way to a growing sense of desperation in the second, as our heroes find themselves running from one skirmish to the next, while the baddies keep showing up and finding new ways to say 'You can't win!' before going up in flames."

One might have imagined that even an iffy plot wouldn't be a barrier to a measure of critical acclaim for a Terminator film, just as long as it was compensated for by brilliant, bloody action. However, even that aspect of Genisys had its detractors, with some blaming its PG-13 rating, compared to the R rating of the series' first three films. Todd McCarthy of The Hollywood Reporter, for example, bemoaned how the film's "action scenes feel like diluted rehashes".



THE PUBLIC, HOWEVER, LOOK SET TO LOVE IT

It appears that we will have a tight shootout for the honor of top dog at the box office this Independence Day weekend. Not only does Arnie's latest have fellow debutant Warner Bros.' Magic Mike XXL to think about, but there's also set to be stiff competition from two holdovers, Jurassic World from Universal and the Disney/Pixar latest, Inside Out. Three-day takings of between \$27m and \$30m are expected for each of them, making this a race truly too close to call.

Garnering pre-sales of around \$400k and with some 3,700 venues showing it, Genisys has got off to a solid start, despite the distraction that July festivities might bring around the country. It therefore remains to be seen whether Arnie can put memories of some less-than-stellar movies behind him and really reactivate his acting career with the 'bang' of number one status at the box office.





THE MACHINES 'HAVE TAKEN OVER'

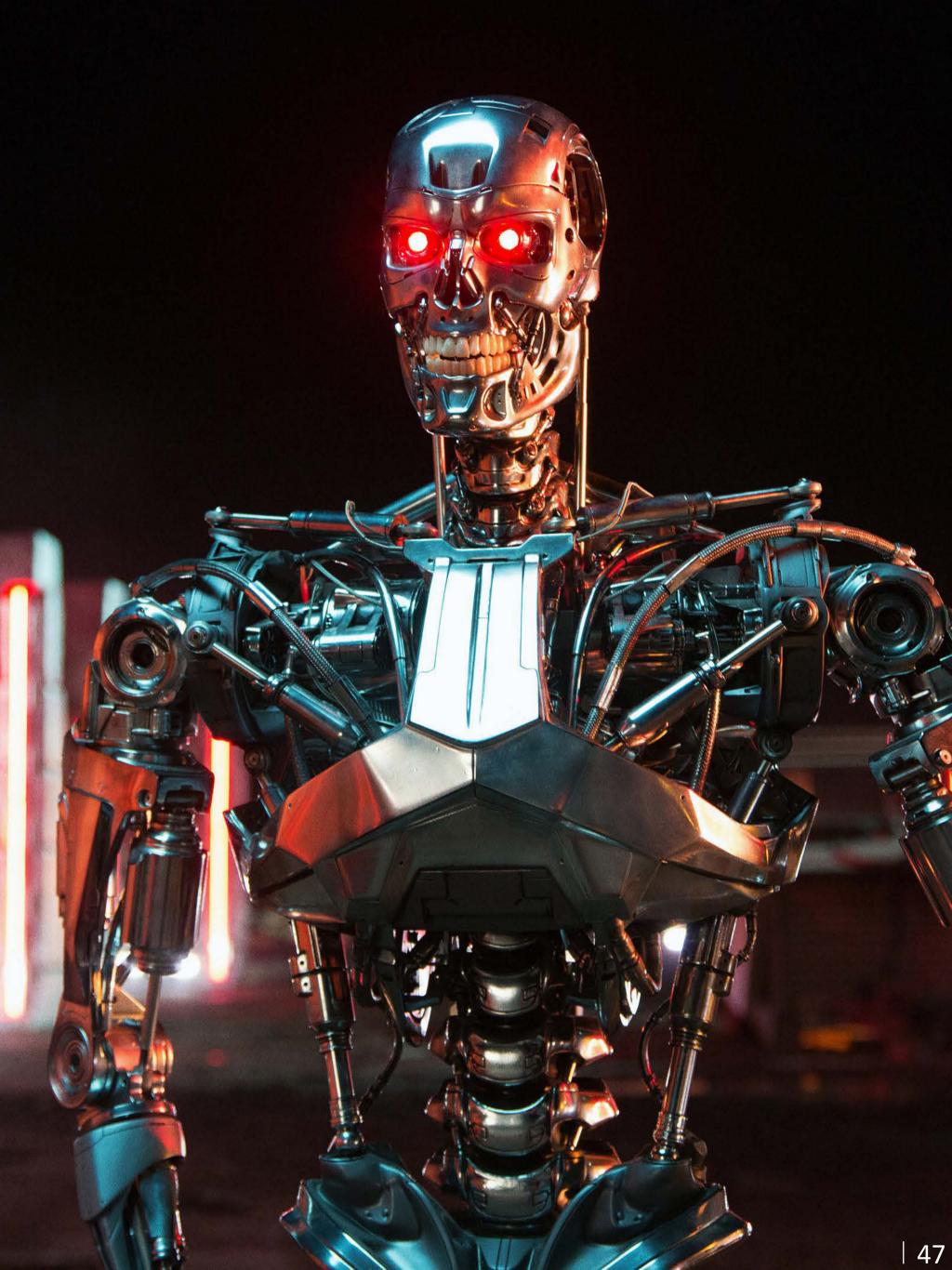
But what's the wider context of the Terminator story these days? For Schwarzenegger himself, there's no doubt of its modern significance, as he claimed that machines have now "taken over" in our everyday lives - in sharp contrast to the mere science-fiction that the series may have once represented. Describing Genisys as "the real world", he added that "Every responsibility from banking to the military to every single thing, the machines have taken over. The only thing that is missing, is them becoming self-aware. So that is around the corner, it's only a matter of time now."

It should be said that there isn't necessarily universal agreement from scientists themselves on whether the kind of artificial intelligence displayed in films like Terminator Genisys is really that close to becoming reality. Indeed, AI that poses a genuine existential threat could yet be many decades away, rather than "around the corner", if it ever comes to pass at all.

The debate on the role of machines in real life will doubtless rumble on. In the meantime, movies like Terminator Genisys will equally doubtless continue to provide food for thought - as well as good old-fashioned riproaring thrills and entertainment - for many years to come, even if not all of them win the unbridled affection of the critics.

by Benjamin Kerry & Gavin Lenaghan









`Ted 2' Lags Behind `Jurassic World,' 'Inside Out'

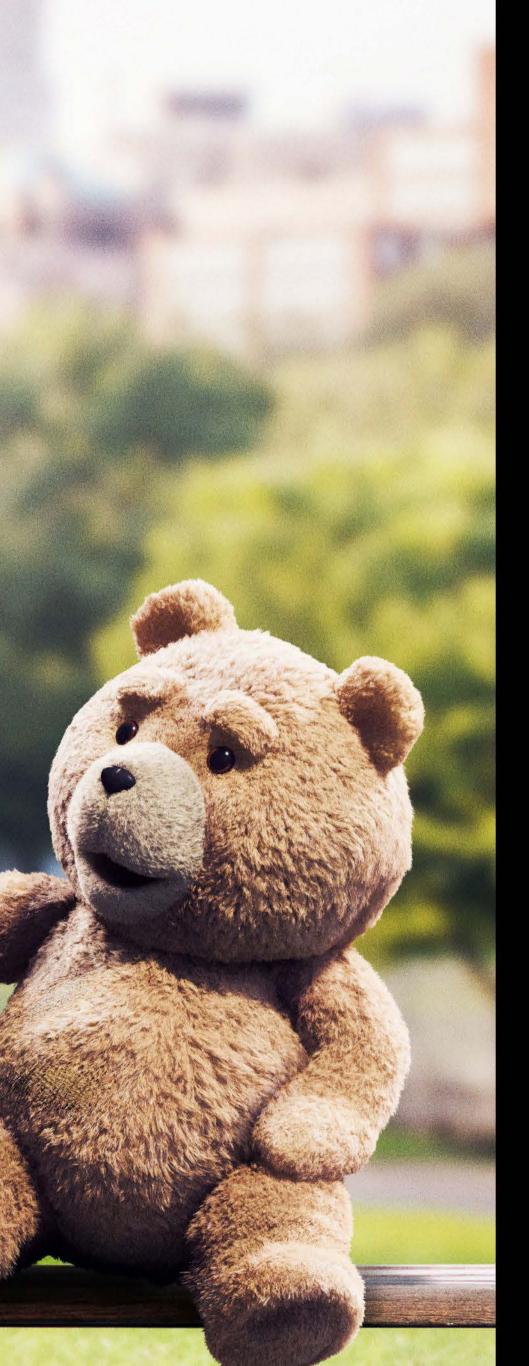
A foul-mouthed Teddy bear is no match for a pack of dinosaurs.

Seth MacFarlane's "Ted 2" opened far under expectations with \$32.9 million, according to Rentrak estimates Sunday, ceding the top two spots to holdovers "Jurassic World" and "Inside Out." While \$32.9 million is a solid opening for an R-rated comedy, bigger things were expected from "Ted 2," which cost a reported \$68 million to produce. The Universal Pictures sequel was expected to earn somewhere in the \$50 million range going into its debut weekend, thanks to the record-setting precedent of the first film, which earned \$54.4 million in 2012.

In addition to mediocre reviews, perhaps the initial intrigue around a raunchy stuffed animal has worn off a bit.

"It's hard to maintain that hyper level of excitement once people have seen the talking Teddy bear," Rentrak's Senior Media Analyst Paul Dergarabedian said. "In comedy, it's about inventiveness, newness and the shock value of something original."





Universal's domestic distribution head, Nick Carpou, said that the positive response from exit polls indicates a promising life for the movie in the weeks ahead.

"We could have had a higher gross, but we get the gross we get. It was a very competitive marketplace this weekend," said Carpou, who noted that the first film's gross was a massive surprise to the studio.

"Jurassic World," also a Universal film, narrowly held the top spot for the third weekend in a row with a mighty \$54.2 million, pushing it past the \$500 million mark domestically - only the fifth film to do so in history.

Carpou said the film's record-setting performance has exceeded his high expectations every step of the way. He's excited that it seems that audiences are returning for repeat viewings.

Disney and Pixar's "Inside Out," meanwhile, finished at a close No. 2, earning \$52.1 million - only a 42 percent drop from its first weekend in theaters. Dergarabedian marveled at the consistency of "Jurassic World" and "Inside Out."

"These are no flash-in-the-pan movies. Both are delivering exactly what audiences want," he said.

"Max," the other new opener, brought in a modest but expected \$12.2 million to finish fourth. Warner Bros. is distributing the PG-rated MGM movie about a PTSD-afflicted military dog who goes to live with his handler's family.

The film, which cost under \$20 million to produce, is performing especially well in the South, the Southeast and the Midwest, according to Warner Bros.' domestic distribution EVP Jeff Goldstein. Overall, the box office is still booming, up 7 percent from last year. With "Magic Mike XXL" and "Terminator Genisys" set to open Wednesday in advance of the holiday weekend, things are only going to heat up.





Estimated ticket sales for Friday through Sunday at U.S. and Canadian theaters, according to Rentrak. Where available, the latest international numbers for Friday through Sunday are also included. Final domestic figures will be released Monday.

1."Jurassic World," \$54.2 million (\$82.5 million international).

2."Inside Out," \$52.1 million (\$26.4 million international).

3."Ted 2," \$32.9 million (\$20.3 million international).

4."Max," \$12.2 million.

5."Spy," \$7.8 million (\$6.4 million international).

6."San Andreas," \$5.3 million (\$10.4 million international).

7."Dope," \$2.9 million.

8."Insidious Chapter 3," \$2 million (\$4 million international).

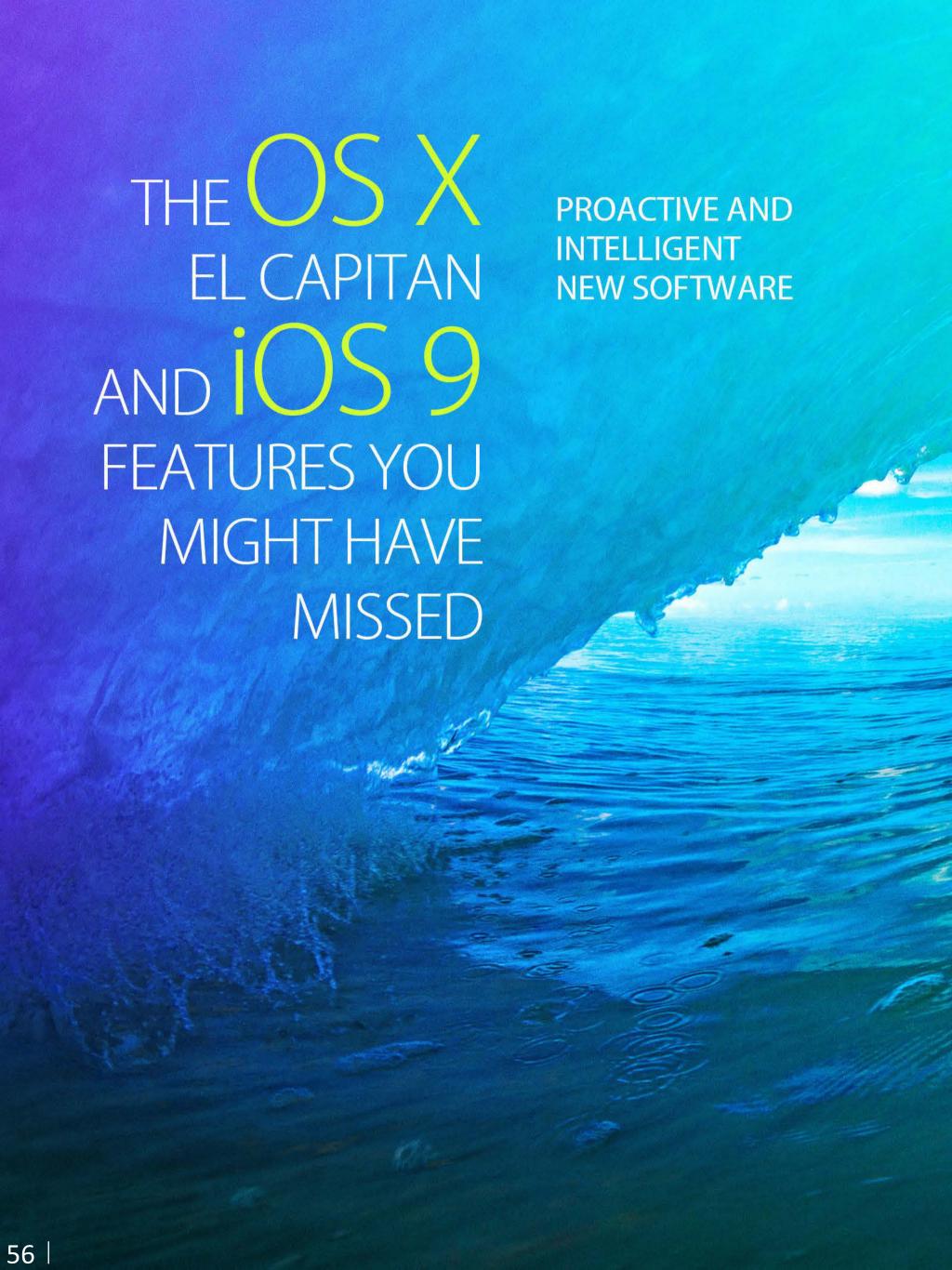
9."Mad Max: Fury Road," \$1.7 million (\$3 million international).

10."Avengers: Age of Ultron," \$1.6 million.

Estimated ticket sales for Friday through Sunday at international theaters (excluding the U.S. and Canada), according to Rentrak:

- 1. "Jurassic World," \$82.5 million.
- 2. "Minions,' \$36 million.
- 3. "Inside Out," \$26.4 million.
- 4. "Hollywood Adventures," \$26 million.
- 5. "Ted 2," \$20.3 million.
- 6. "SPL 2," \$11 million.
- 7. "San Andreas," \$10.4 million.
- 8. "NLL Battle of Yeonpyeong," \$8.7 million.
- 9. "Terminator Genisys," \$8.3 million.
- 10. "Poltergeist," \$6.6 million.







DEVELOPERS HAVE BEEN DIGGING THROUGH THE BETA CODE

It has been a couple of weeks now since developers were first able to get their mitts on beta versions of the latest iterations of Apple's software for both iDevices and Macs - iOS 9 and OS X El Capitan. Each of them boast certain exciting features that were announced in the Cupertino firm's Worldwide Developers Conference (WWDC) keynote in early June. However, this article isn't about those. Instead, we're focusing on those features that weren't necessarily mentioned at all.

A few weeks is always a long time in the world of consumer technology - more than enough time for new innovative developments to see the light of day, or in the case of iOS 9 and OS X El Capitan, be uncovered, sometimes deep in code, by curious developers.

The overall picture of the latest software versions is of continual refinement and the introduction of subtle new features and perks to build on more drastic previous revamps.

There's a theme of Apple's latest software being more intelligent and proactive, for example, with iOS 9 making it possible for iPhones and iPads to learn user habits so that they can recommend relevant places, open apps before the user has even summoned them and generally just better guide users through their day-to-day lives.







INTERESTING CLUES OF IPAD PRO AND A 21.5-INCH 4K IMAC

Surely the most exciting thing about the latest Apple software is the occasional hint that can be found of a whole new Apple product in the wings. Earlier in June, for instance, iOS developer Steven Troughton-Smith found out that iOS 9 beta's new iPad keyboard is able to scale to a larger size with rearranged keys, which is surely as strong an indication as any that the heavily-rumored 12.9-inch 'iPad Pro' will be with us sooner or later.

We even learned - with a little help from Taiwanese iOS developer Hiraku Wang - that such an enlarged tablet could boast a 2,732 x 2,048 pixel display at 264 PPI, based on Apple's @2x high-resolution modifier. This was almost exactly the kind of display that the research firm DisplaySearch said was under development back in January.

But OS X El Capitan held plenty of its own intriguing clues as to forthcoming Apple hardware - namely a 4K variant of the 21.5-inch iMac and a Bluetooth Remote Control.

Buried in the new Mac software's beta code is a reference to Mac support for a new Apple-made 4096 x 2304 resolution display panel. Although a 5K display is presently offered for the bigger and costlier 27-inch iMac, upgrading the smaller screen to a 4K resolution seems like a logical step - and there would certainly be space in Apple's current iMac lineup for such an offering.

Simply further affirming the impression that a 4K iMac is in the pipeline is a mention in







the code of the Intel Iris Pro Graphics 6200 chipset, a Broadwell-integrated processor that was only recently launched and would be perfectly suitable for such a machine.

As for the Bluetooth Remote Control, that was seemingly confirmed by the presence within El Capitan of a file by the name of AppleBluetoothRemote.kext. It was scanned by the 9to5Mac site, which suggested from the findings that such new hardware could combine a dedicated Bluetooth wireless chip - capable of connecting with devices via an infrared sensor - with a Multi-Touch trackpad offering support for inertial scrolling.

A WEALTH OF OTHER OS X FEATURES

It wouldn't be right for us to not give you a run-through of the other new OS X El Capitan features that weren't given much of an airing - or necessarily one at all - before now.

From Mail and Safari tweaks to a beefedup Spotlight search and a new split screen feature for using multiple full-screen apps at once, there's a lot to get excited about.

Safari, for example, now makes it easier to kill ads that have started playing audio without your say-so. If a given tab has audio playing, a speaker icon will appear next to the title, with a similar one showing up in the location bar, so pulling up the at-fault tab and closing it is as easy as you like. You've also now got the ability to 'pin' - or keep open - favorite websites in the background, so that you can leave them continually updating over the course of the day. That latter feature

especially sounds like one that you Facebook addicts out there will be making heavy use of.

Another fine new feature for OS X El Capitan is an AirPlay button on certain compatible web video players, enabling the video to be sent directly to your Apple TV. Elsewhere, the Mail app has been given a few new features, users now able to trash or mark as read their messages via a simple swipe. The improved Notes app, meanwhile, has already attracted acclaim as a potential "Evernote killer" on account of its checklist, image and web link embedding abilities, while the Spotlight search function now comes with sports and weather information.









IOS HAS JUST BECOME EVEN MORE USEFUL

If we haven't mentioned OS X El Capitan's new split view for full-screen apps in much detail above, that may just be because it makes more sense on the iPad. 9to5Mac writer Mike Beasley questioned the usefulness of such a feature for iMac users, commenting that "There has never been anything holding users back from putting two, three, or any other number of windows next to each other on the screen in any configuration they want."

Look to iOS 9, however, and its new multitasking features could be something of a game-changer for the iPad's productivity credentials - especially the ability that the iPad Air 2 now has to run two apps simultaneously. Indeed, many of the new iOS 9 features mimic equivalents in OS X El Capitan, the Notes app and Search function having come in for much the same TLC.

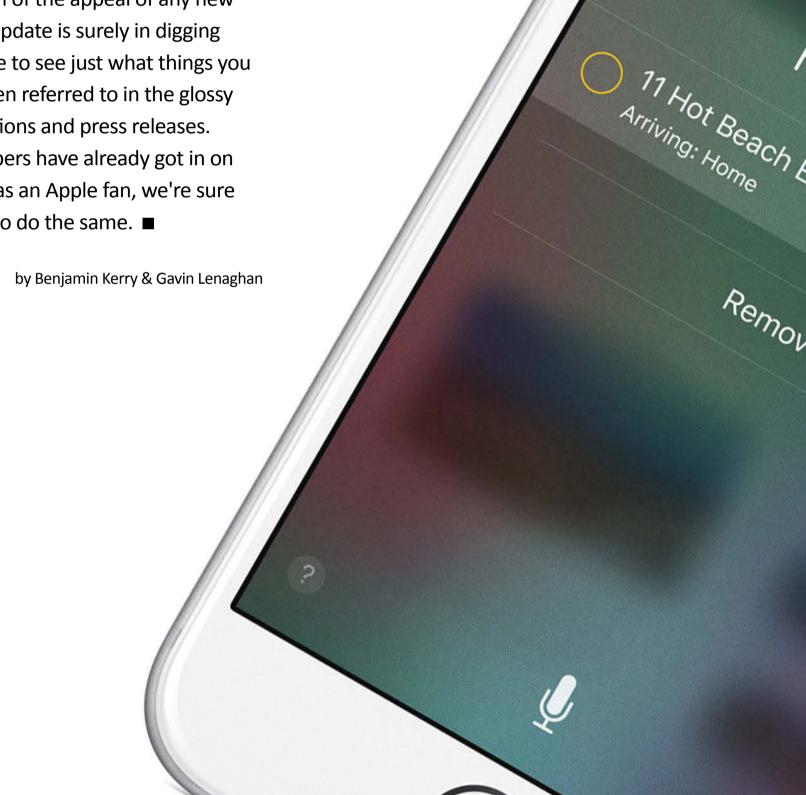
The keyboard is another aspect of the iDevice software that has been notably altered, although many of its new design and function aspects went unannounced at WWDC. These include new text selection features that allow you to, for example, move the cursor by dragging two fingers around the keyboard. You can also now perform a two-finger tap to select the closest word or highlight a complete block of text.

Another easily-missed new iOS 9 feature is a Notification Center widget that shows you the battery life of connected devices such as the Apple Watch.

PLENTY OF TIDBITS TO EXPLORE

The above is by no means an exhaustive list of all of the new perks that the most recent Mac and iDevice software releases throw up. Nonetheless, it should give you a taste of how the latest iterations of the ever-popular operating systems still offer much new and interesting to discover, even if they aren't the comprehensive top-to-bottom revamps that past versions have been.

In any case, much of the appeal of any new Apple software update is surely in digging under the surface to see just what things you may not have seen referred to in the glossy launch presentations and press releases. Plenty of developers have already got in on that action, and as an Apple fan, we're sure you'll be itching to do the same. ■







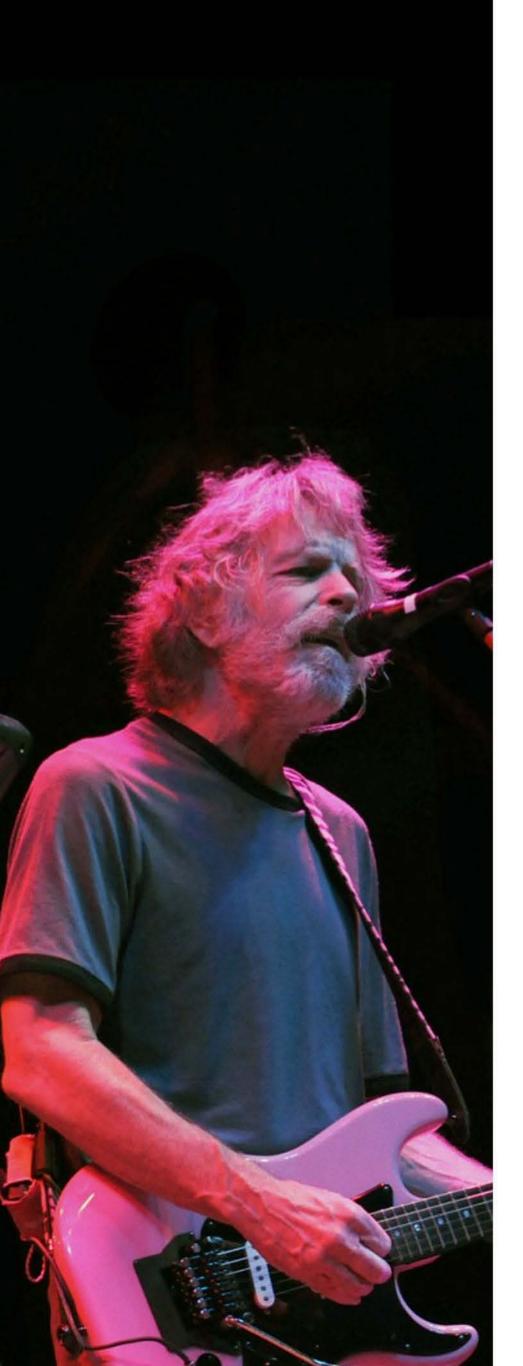


Grateful Dead Enthrall Faithful In First Of 5 Final Shows

The songs still ran long. To the uninitiated, the communal rituals of the faithful fans probably looked strange. Was it trippy? Well, this was a Grateful Dead show, after all, the first in a handful over the next week that are said to be the last.

The four surviving members of the Dead, joined by a trio of well-versed companions, launched their "Fare Thee Well" mini-tour Saturday night in Northern California, where the legendary jam band got its start 50 years ago and almost two decades after the death of beloved lead guitarist Jerry Garcia.





During a performance that featured a little more than 3 1/2 hours of music, the group's so-called "core four" - rhythm guitarist Bob Weir, bassist Phil Lesh and percussionists Mickey Hart and Bill Kreutzmann - unreeled a set list featuring both crowd-pleasers and obscure pieces from their early catalog.

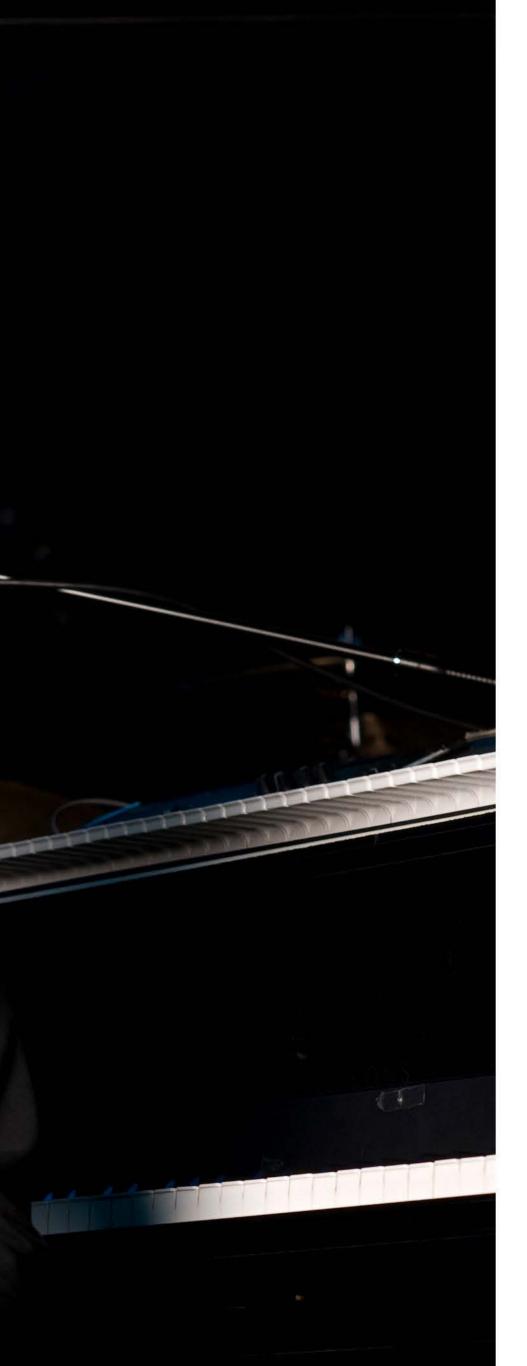
The band got the Levi's Stadium crowd of about 80,000 into its customary loose-limbed groove at the start with familiar renditions of "Truckin" and "Uncle John's Band." From there, the rest of the first set veered unevenly through "Cumberland Blues," "Born Cross-Eyed" and a 20-minute-long "Viola Lee Blues" that gave Phish front man Trey Anastasio, who had the honor and pressure of serving as Garcia's surrogate on guitar, his first challenge on a solo.

As "Viola Lee" was ending, a rainbow arced across the sky above the stadium like a smile from beyond. The majority of the audience, which included former flower children with more than a touch of gray in their hair as well as millennials who were babies when Garcia died - were inclined to appreciate every chord, so grateful were they just to be there.

"I'm in the right place at the right time and all the right people are here with me and it's all perfect," said Sabrina Donahue, 47 of Montana, who attended the show with her "best hippie soul sister" - a veteran of over 300 Dead shows in the late 1980s who now works as a school district superintendent in California.

"The only difference is we're keeping our shoes on now," the educator, Michelle Hutchins, 47, said. The parking lots around the stadium had more Subarus and luxury sedans than VW buses. There were fewer vendors selling tie-dyed T-shirts, glass pipes and jewelry than in the past, but enough to remind tailgating concert-goers they were in the right place.





"I have this feeling about all the bands from the 60s - you want to see them one more time because they gave you so much," said Larry Johnson, 64, of Seattle, who went with three college buddies.

The second half of Saturday's show got off to a slow start as the reunion band, which included Bruce Hornsby on piano and keyboards, struggled to find its footing on "That's It For The Other One" and "Dark Star."

"To me, this show feels like a big rehearsal," Erik Keegan, 39, of Southern California observed, adding that he was still enjoying himself. "The notes are all there but they don't add up."

The energy started to rebuild when they tackled the iconic "St. Stephen." Anastasio delivered his finest fretwork on the song. Per Dead tradition, Hart and Kreutzmann fully re-engaged the audience w ith "Space," an improvised percussive interplay accompanied by rhythmic psychedelic graphics. Bob Weir, the former baby-faced band heartthrob who now has a full head of white hair and a bushy beard that makes him resemble the Lorax, came alive while singing "That's It For the Other One" and taking the vocal duties that used to fall to Garcia on "Morning Dew."

The Grateful Dead are scheduled to play a second show in Santa Clara on Sunday before heading to Chicago for three shows at Soldier Field on July 3, 4 and 5. Soldier Field is where they last played as a group before Garcia's death at age 53.

Although the original band members say July 5 will be the last time they perform together, they all have their own bands or musical projects and have teamed up as pairs for select gigs.

"This is the end, but it isn't the end," said John Fauth, 20, of Oregon, who discovered the Dead two years ago around the time he bought a VW bus. "The community can't just die."





NBC said Monday that it is ending its business relationship with mogul and GOP presidential candidate Donald Trump because of comments he made about Mexican immigrants during the announcement of his campaign.

The network said it would no longer air the annual Miss USA and Miss Universe pageants, which had been a joint venture between the company and Trump. Miss USA has aired on NBC since 2003, and this year's edition was set for July 12. "At NBC, respect and dignity for all people are cornerstones of our values," NBC said in a statement. Trump's reply: a "weak" NBC should prepare to meet him in court.

NBC's action comes less than a week after Univision similarly decided to ditch Trump and the pageants. Trump has also been a fixture on NBC as host of "The Apprentice" and its celebrity offshoot, and an agreement that he would no longer be on the show predated the current controversy. The network said Monday that it and producer Mark Burnett are exploring ways to continue "Celebrity Apprentice" sans Trump.

Trump said he anticipated losing the business relationship and that he's not apologizing for his statements because they "were correct."

"Whatever they want to do is OK with me," Trump told reporters in Chicago after a campaign speech to civic leaders.

But in a statement issued by his company in New York, Trump said "NBC is weak, and like everybody else is trying to be politically correct. That is why our country is in serious trouble."





He said he'd consider suing, as he plans to do with Univision. He also took a shot at NBC's decision to demote, but not fire, news anchor Brian Williams for telling false stories about some of the reporting he was involved in.

"They will stand behind lying Brian Williams, but won't stand behind people that tell it like it is, as unpleasant as that may be," he said.

During his presidential kickoff speech, Trump said Mexican immigrants are "bringing drugs, they're bringing crime, they're rapists and some, I assume, are good people." He called for building a wall along the southern border of the United States. Trump later said that his remarks were directed at U.S. policymakers, not the Mexican government or its people.

The National Hispanic Leadership Agenda, a group of 39 Latino advocacy organizations, had called on NBC to get out of business with Trump. Similarly, a petition urging the same thing on the Change.org website had gathered more than 218,000 signatures.

Dozens of protesters - from immigrant and Latino rights groups - waited outside of a downtown Chicago restaurant where Trump spoke. Their chats included "No more hate!"

Maritza Vaca, with the Chicago-based Accion Hispano, said immigrants have rights and was upset by Trump's comments.

"It is racism," she said. "For him to be running for president is ridiculous."

NBC said it is still determining what it will air in place of the pageant next month.



No More Fee: T-Mobile's New Phone-Upgrade Program Explained

T-Mobile is revamping its phone-upgrade program by eliminating a \$10-a-month charge for the most popular phones.

The wireless carrier shattered longstanding industry practices two years ago by eliminating two-year service contracts and letting customers upgrade phones before they are fully paid off. Customers had to pay \$10 a month to be eligible for the upgrade program, known as Jump. That's on top of monthly installments to cover the costs of the phone.

AT&T and Verizon soon followed with their own programs - without the monthly fee.

T-Mobile's new Jump On Demand program eliminates that \$10 Jump fee. Customers will be able to upgrade up to three times a year, which is more frequent than what rivals or T-Mobile's old program allow.





HOW IT WORKS:

Visit a T-Mobile retail store to buy a new phone and enroll, starting Sunday. The program isn't open yet to online orders or third-party retailers. Eligible phones are initially limited to Apple's iPhone 6 and 6 Plus, Samsung's Galaxy S6, S6 Edge and Note 4 and LG's G4. T-Mobile says these were chosen because customers of these phones tended to upgrade the most frequently.

Customers pay what they would have been charged previously under a monthly-installment plan. It's the full retail price of the phone divided into 24 payments - for example, \$28.33 for the S6 and \$31.24 for the 6 Plus. There's a \$15-a-month promotion for the iPhone 6, but more on that.

To get a new phone, just turn the old one in. It has to be in working condition. The monthly installment might change to reflect the price of the new model.



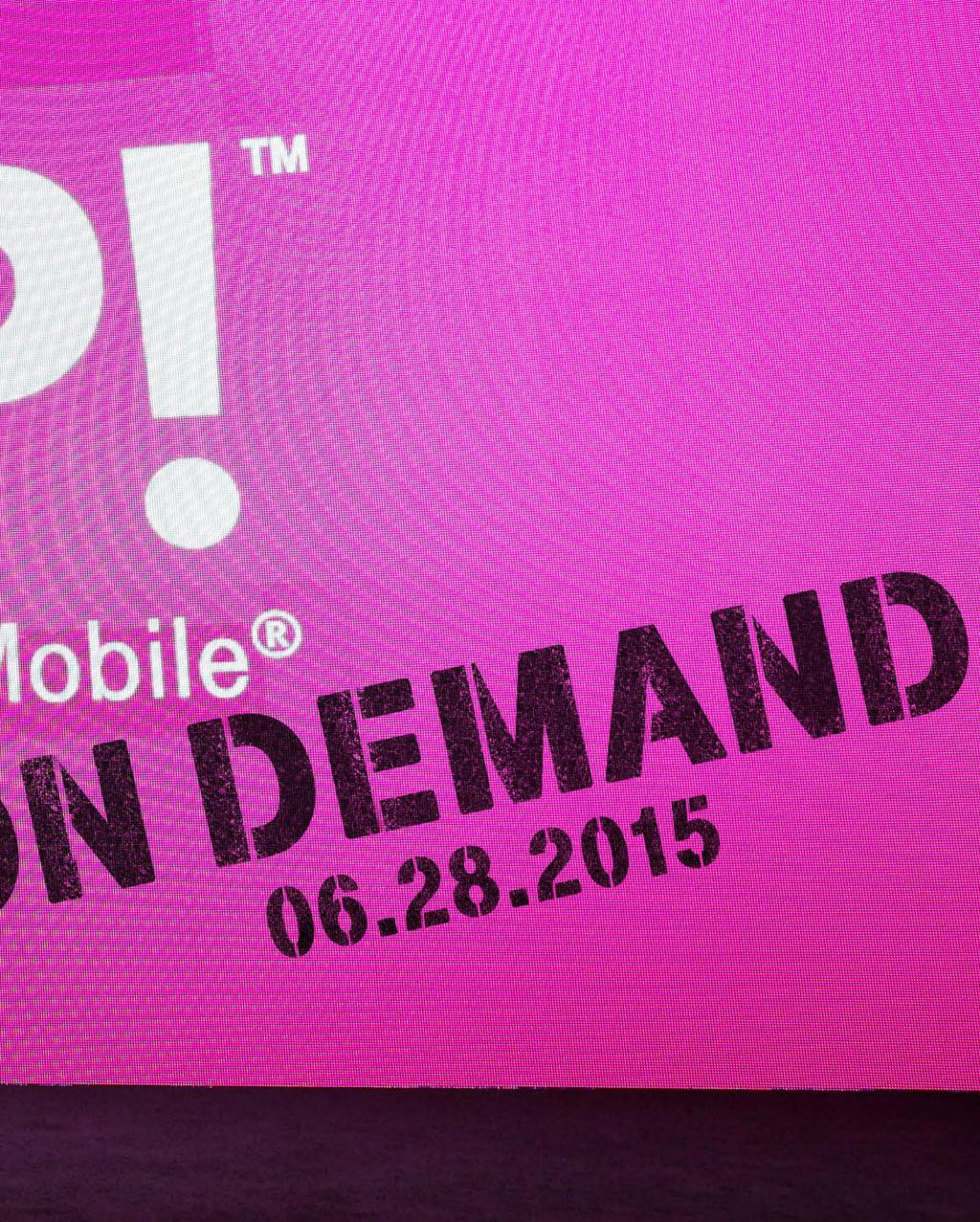


those who want that can pay \$8 under the new program. The \$10 fee will still apply for phones that aren't eligible.

Another change is how the installments work. Before, you made 24 monthly payments over two years. With Jump On Demand, you make payments for only 18 months, at which point you owe the remaining six payments at once (unless you turn in the device and cancel service then, or upgrade to a new phone). Few people will get to that point because the program is designed for those who upgrade frequently. The clock resets when you upgrade.

With the new program, the sales tax is also spread out as part of the monthly installments. Before, customers had to pay tax on the full cost of the device up front.







HOW IT COMPARES:

Although T-Mobile pioneered the frequentupgrade program, it was behind AT&T and Verizon in offering the benefit without a separate monthly fee. Sprint does charge \$10, as T-Mobile still does with some phones. AT&T and Verizon never did.

However, T-Mobile's program is better in letting customers upgrade up to three times a year. That could be three times in the same month or once every four months.

Under T-Mobile's old program, customers had to wait a year, or make extra payments to cover half the full cost of the device. Sprint also has a one-year waiting period, or customers must pay all remaining installments. AT&T makes customers wait 12, 18 or 24 months, depending on how many months the installments are spread over.

Verizon essentially killed its early-upgrade option this month when it began requiring new customers to make all remaining payments before upgrading. As T-Mobile Chief Operating Officer Mike Sievert puts it, "That's just called buying a phone and then buying another phone."



THE IPHONE PROMOTION:

Participants of Jump On Demand pay \$15 a month for the iPhone 6, rather than \$27.08 under the regular installment plan. However, customers must trade in their old, fully paid phones to be eligible. They wouldn't be able to get money back by reselling the device. After 18 months, customers pay \$164 to own the phone, rather than \$90 under the \$15-a-month rate. Still, that works out to \$434 for an iPhone 6, less than its regular retail price of \$650.

Apple will likely come out with new iPhone models in a few months, so the promotion offers a cheaper way to tide customers over until then.





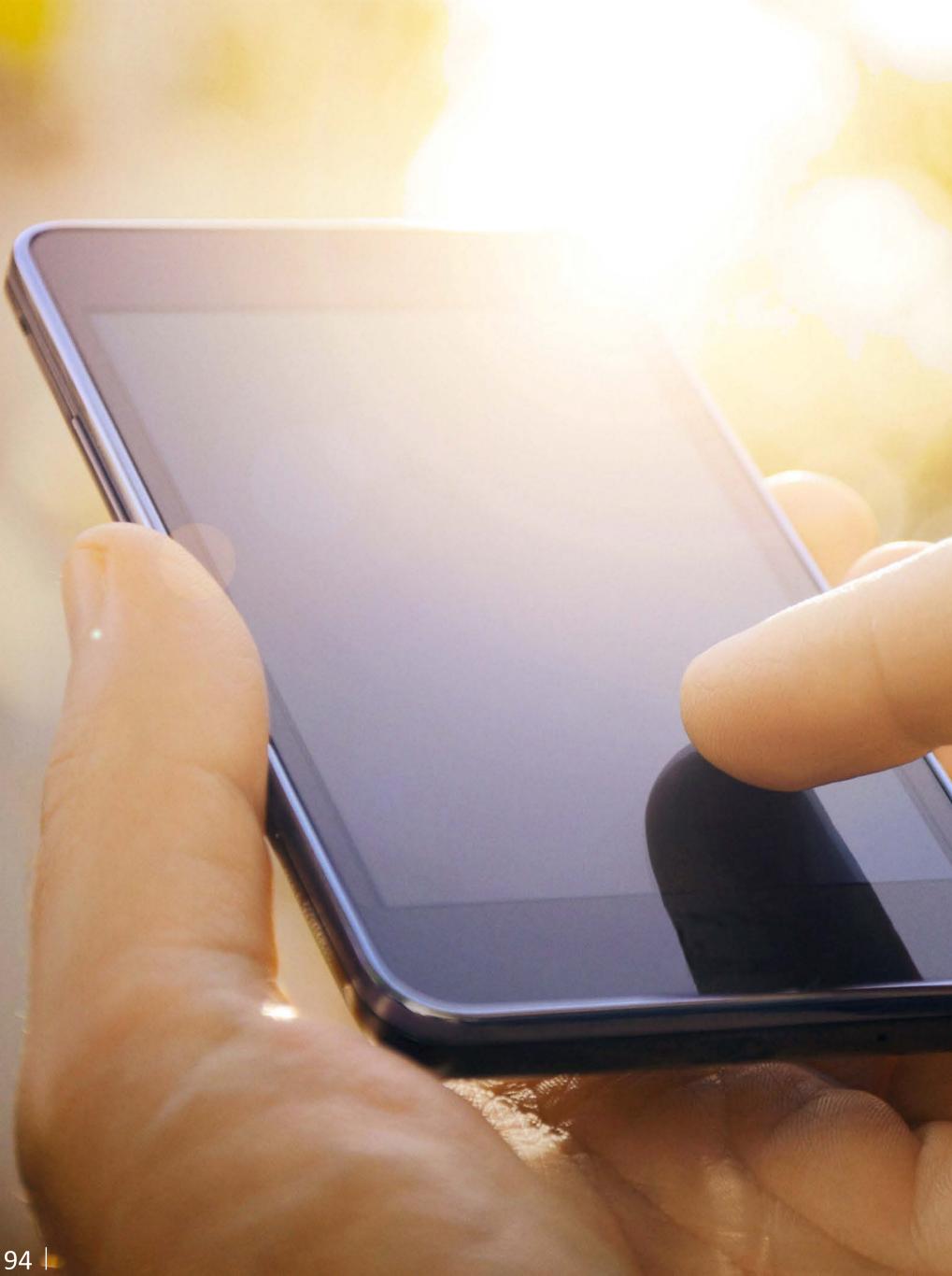
Looking For Love On A Dating App? You May Find Music Instead

In your quest to find a date, a spouse or a hookup, you might discover something else when using dating apps: new music.

From Madonna to Mariah Carey, an increasing number of acts are looking to platforms like Tinder and Match to promote their music and reach their fans on-the-go. Madonna's latest album was advertised on Grindr, an app for gay men, while Jason Derulo looked to Tinder to debut a music video.

Carey launched a profile on Match.com to premiere her music video for the single, "Infinity," and last week DJ-producer Afrojack took over Match's Twitter account for eight hours to answer questions about love and relationships while promoting his new single, "SummerThing!"

"You want to go where your fans are, where your potential fans are. And you can't just promote on iTunes - you've got to think of other ways to reach an audience," said Joel Simkhai, the founder and CEO of Grindr.





Simkhai said Madonna's team contacted Grindr about collaborating. They launched a contest around Valentine's Day where users would change their profile photos to mimic the album cover of "Rebel Heart" - where Madonna's face is wrapped with wires. Five winners earned a chance to live chat with the pop icon, who released the album in March.

"She was very keen with having chats with actual Grindr users," Simkhai said. "That was her idea."

Gay fans have long supported Madonna, who has advocated gay rights for decades. Grindr also worked with Lady Gaga in 2011 when she released "Born This Way," even providing a link to iTunes to download the No. 1 hit.

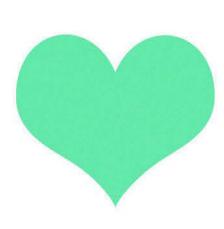
Zedd, the Grammy-winning DJ-producer, worked with Tinder to promote his album, "True Colors," released last month. While searching for suitors, Tinder users would come across Zedd's promotional profile and if they swiped right - which means "like" - they could purchase the 25-year-old's album at a discounted price of \$3.99 (it currently costs \$7.99 on iTunes).

"Music is something that is so woven into the life of millennials, as is meeting new people, that there's just an incredible amount of overlap between the two," said Phil Schwarz, Tinder's head of marketing. "Tinder's always been talked about as a social discovery app, and I think this is more evidence that this is true."

"Tinder is where millennials are, and if you combine that with the fact that the platform is highly, highly engaging, you have something really, really powerful," he added.

Tinder or Interscope Records, Zedd's label, wouldn't say how many albums sold on Tinder, but the sales from the app counted toward the 39,000 copies "True Colors" pushed in its first week, helping it debut at No. 4 on the Billboard 200 albums chart.







Schwarz said 85 percent of Tinder users are between the ages 18-34, and the average user spends about 11 minutes on the app each day - one of the main reasons Derulo launched the video for "Want to Want Me," a Top 5 hit, on Tinder. "I see this app as the wave of the future. I know my fans will swipe right," Derulo said in a statement. PlentyofFish also worked with Derulo when the website appeared in the music video for his song "Ridin Solo" in 2010. The dating service also appeared in Britney Spears, Flo Rida and Kesha's videos. In addition to finding a place in Gaga's "Telephone" video, PlentyofFish worked with the star during a U.S. tour, giving fans a chance to win tickets and backstage passes.

Other artists also have found ways to work with dating apps: Hilary Duff, a regular Tinder user for real dates, used the app's interface in her latest music video, and Limp Bizkit frontman Fred Durst is the director behind recent commercials for eHarmony, the dating service that has worked with Natalie Cole and used her hit, "This Will Be," in TV and radio ads.

Grindr - which has 2 million active daily users - said the company's success with music partnerships is leading to more work this summer. After collaborating with Madonna, who has a deal with Live Nation, Grindr is continuing to work with the concert promoter and is expected to launch campaigns with Nicki Minaj and Idina Menzel.

Grindr is also expected to work with Ciara, Jessie J, Disclosure and others through Goldenvoice, the company that created the Coachella Valley Music and Arts Festival, operates music venues and promotes hundreds of concerts each year.

"This is a win-win for us. Our users are very interested in music, very interested in entertainment," Simkhai said. "We like to show them things that (are) relevant to them."





Real Housewife Vicki Gunvalson Gets Real About Reality Tv

It's hard for Vicki Gunvalson to not think of the past decade of her life in terms of TV seasons: She's the only remaining original cast member on Bravo's first "Real Housewives" series, "The Real Housewives of Orange County."





Gunvalson, 53, said in a recent interview that she equates milestones in her life to what season they aired on. The show, which airs at 9 p.m. EDT on Mondays, is now in its 10th season.

"This season my mom dies. Last season, I had situations with Tamra (Judge) and then I look at another season where I decided to divorce (exhusband) Don," she said.

In a recent interview with eNews Magazine, the OG of the OC talked about friends from the show and how reality TV impacts real life.

eN: Which woman on the show is a legitimate friend in your eyes?

Gunvalson: It changes from season to season.

Tamra is my friend ... right now. ... (Former cast member) Alexis Bellino absolutely is my friend.

She reaches out to me weekly. I see Lynne (Curtin) every now and then. I see Jeana (Keough) every now and then. You think about all these people I've filmed with all these years and there's not many I stay in touch with.

eN: Is it hard to be married on a reality TV show?

Gunvalson: I definitely think you need a strong bond and a strong foundation. ... It's definitely tough on marriage and relationships. I'm in counseling over this because I don't know how to some days handle it. `Is this my reality or is this reality?'

eN: Because you have seen castmates come and go, is it ever awkward?

Gunvalson: The disadvantage I have is the new cast members coming in have watched me, so they're gonna try to either be my friend or they're gonna try to tear me down. I never watched anybody. When I started filming, there was no reality show. We were the first.

eN: You have a reputation on the show as being hard to get to know and that you don't just like





everyone but is really that because you're then waiting and watching?

Gunvalson: (I wonder) `What is their motive? Why are they coming on the show?' The ones that are going on the show is they're either opinionated or they have something to say. I'm the matriarch. I'm the one they're gonna come after.

eN: Do you watch other reality shows?

Gunvalson: No. I don't have time. I think what's good for me is when I do see other `Real Housewives' cast members (from other cities) like NeNe (Leakes) and Ramona (Singer) I have no opinions about them. I don't know any of their storylines. I don't know what's going on but I like them as people. It's easy that way.

eN: Have you ever thought about leaving the show?

Gunvalson: Yes. In the past three years I've thought about it. It's been hard to manage my personal life and then my insurance career. ... I weigh it out every year and there's always been more good than bad. When there is a day there's more bad than good, then I'm done. ... I don't live, breathe and die a TV show.

Online:

http:// www.bravotv.com/the-real-housewives-of-orange-county





Manglehorn

There's seemingly something missing in the lives of the middle-aged, but otherwise happily married creative New Yorkers Josh (Ben Stiller) and Cornelia Srebnick (Naomi Watts). They get a sniff of what that 'something' could be when they encounter the free-spirited young couple Jamie (Adam Driver) and Darby (Amanda Seyfried), in this openly funny cross-generational comedy.

FIVE FACTS:

- **1.** While We're Young is written, produced and directed by Noah Baumbach.
- 2. It was screened in the Special Presentations section of the 2014 Toronto International Film Festival.
- **3.** Other members of the cast include Charles Grodin, Brady Corbet, Ryan Serhant and Maria Dizzia.
- 4. Shooting took place in September 2013 in New York City.
- **5.** James Murphy **composed the film's score**.



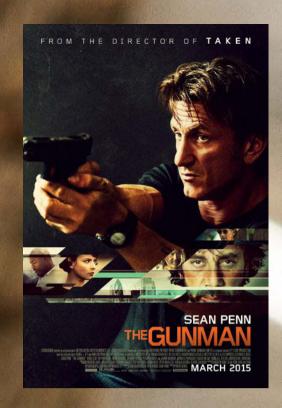


The Gunman

One of this generation's greatest actors, Sean Penn, takes on the true 'tough guy' role of exsoldier Jim Terrier, who is forced to disappear after carrying out an assassination in the Congo. Fast-forward eight years, and his past is catching up with him, as he tries to find his former colleagues to discover the reasons for his predicament.

FIVE FACTS:

- **1.** Penn is joined on the cast by the likes of Jasmine Trinca, Javier Bardem, Ray Winstone and Mark Rylance.
- 2. The film is based on the 1981 Jean-Patrick Manchette novel, The Prone Gunman.
- 3. Principal photography took place in the spring of 2013 in various European locations.
- **4.** Marco Beltrami composed music for the film.
- **5.** The movie grossed \$10,664,749 at the box office.



iTunes Preview







by Pierre Morel Genre: Action & Adventure Released: 2015 Price: \$14.99

★★ 58 Ratings

Rotten Tomatoes

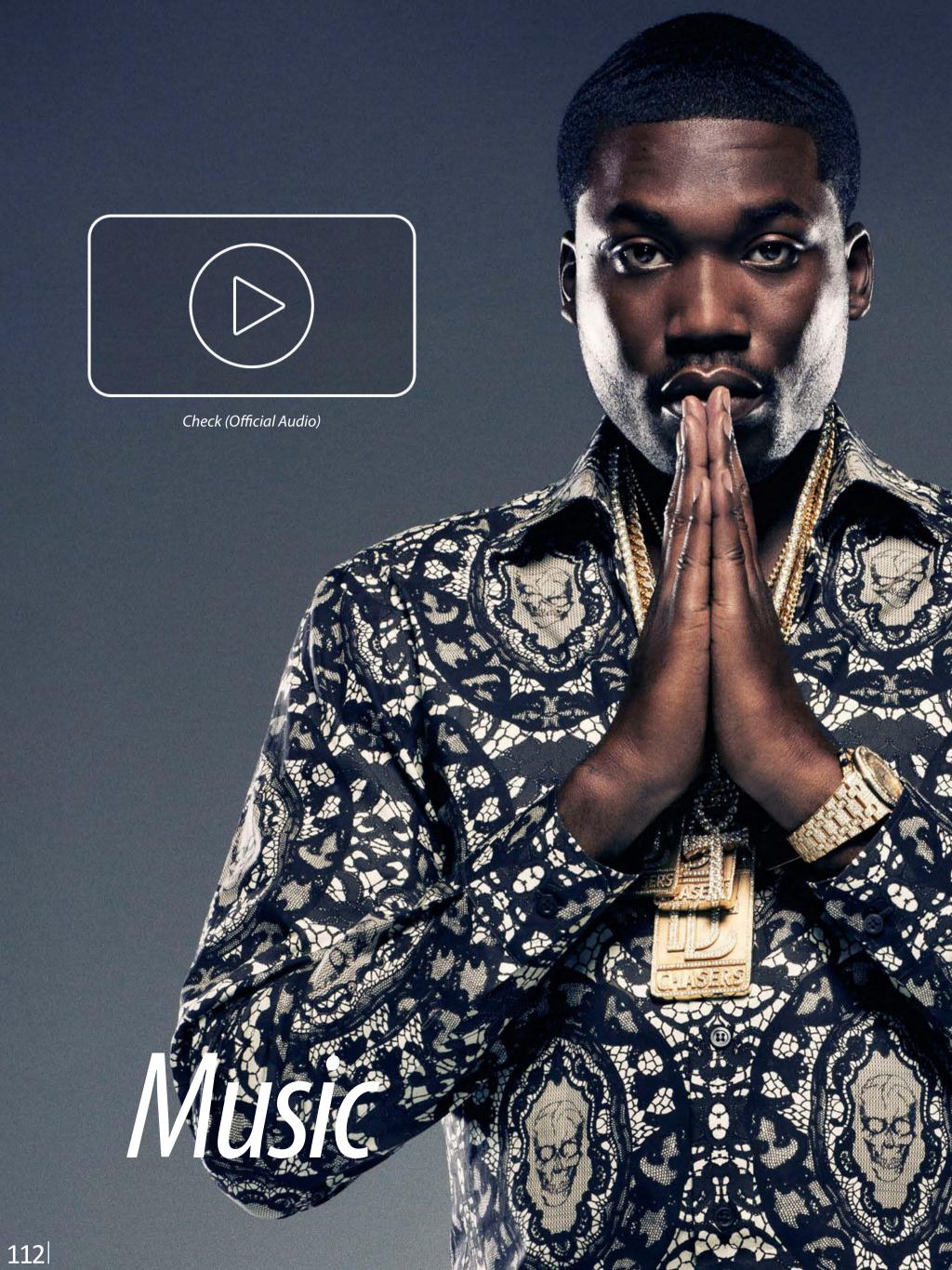
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iTunes **Preview**







Genre: Hip-Hop/Rap Released: Jun 29, 2015 14 Songs



Dreams Worth More Than Money Meek Mill

The Philadelphia native had to delay the release of his second studio album from September due to the revocation of his bail, which led to a three to six month jail sentence. However, the finished project appears to have been worth the wait, with Future, Drake, Diddy, The Weeknd and Nicki Minaj just some of the represented guest talents.

FIVE FACTS:

- 1. Meek Mill is the stage name of Robert Rahmeek Williams.
- 2. He released his debut studio album, Dreams and Nightmares, in 2012.
- **3.** He is the boyfriend of Minaj, who appears on the new single "All Eyes On You".
- **4.** Mill has said that the title of Dreams Worth More Than Money was inspired by his realization that there is more to the music industry than wealth.
- **5.** Other artists featured on the album include Chris Brown, Swiss Beatz and Rick Ross.





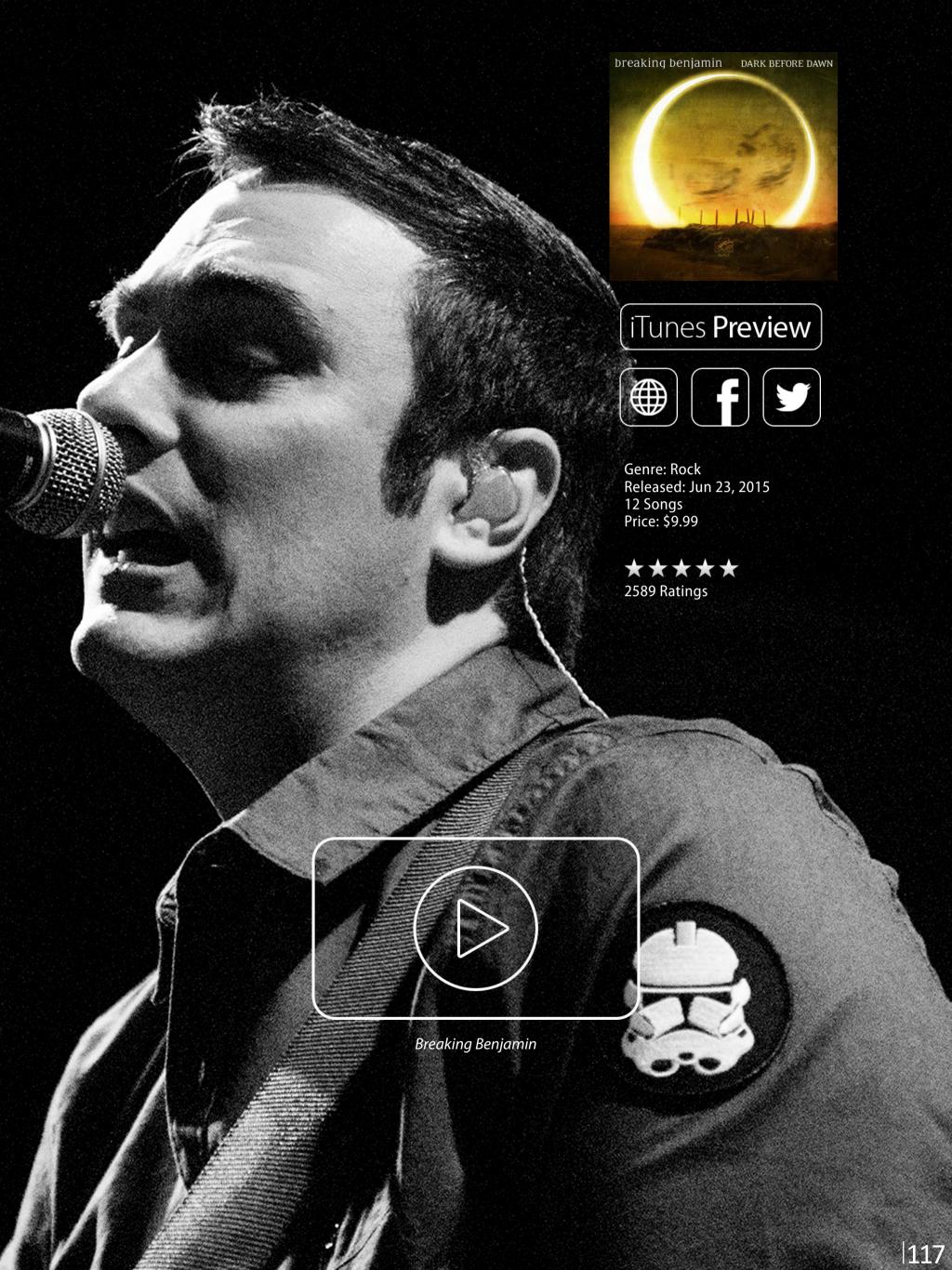
Dark Before Dawn Breaking Benjamin

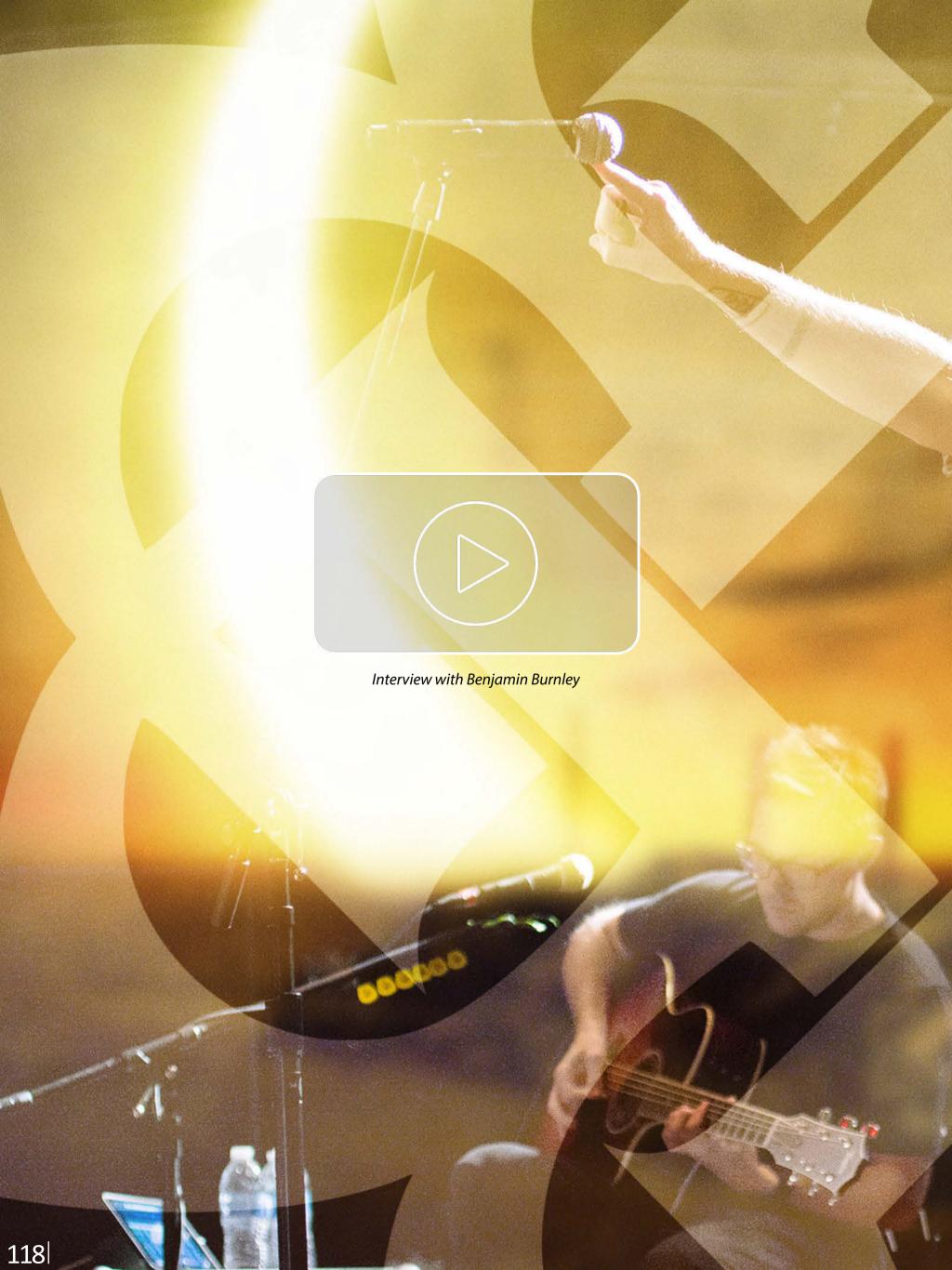
Illness and legal troubles may have served to make this the Pennsylvania rock band's first studio album since Dear Agony in 2009, but you could be forgiven for thinking that the interval had been much longer, the band having reformed for this release with an entirely new lineup - save for founder and front-man Benjamin Burnley.

FIVE FACTS:

- **1.** Breaking Benjamin was formed in Wilkes-Barre, Pennsylvania in 1998.
- **2.** The band's debut studio album was Saturate in 2002.
- **3.** The group's current lineup consists of Burnley, Aaron Bruch, Keith Wallen, Jasen Rauch and Shaun Foist.
- **4.** Dark Before Dawn is the first Breaking Benjamin album not to feature guitarist Aaron Fink or bassist Mark Klepaski.
- **5.** Burnley has said that around 95 per cent of Dark Before Dawn was done before the new lineup **"even played a single note together."**













CHEERLEADER
(FELIX JAEHN REMIX RADIO EDIT)

CAN'T FEEL MY FACE
THE WEEKND

FIGHT SONG
RACHEL PLATTEN

GOOD FOR YOU (FEAT. A\$AP ROCKY)
SELENA GOMEZ

WATCH ME (WHIP / NAE NAE)
SILENTO

BAD BLOOD (FEAT. KENDRICK LAMAR)Taylor Swift

HONEY, I'M GOOD.

ANDY GRAMMER

SHUT UP AND DANCE WALK THE MOO

PEACE IS THE MISSION

MAJOR LAZER

SKRILLEX AND DIPLO PRESENT JACK Ü
SKRILLEX & DIPLO





















'Glee'-Type Music Contest Crowns Winners In New York City

A Californian and a New Yorker have won top honors at the National High School Musical Theater Awards.

Anthony Skillman, of Mission Viejo, California, was named best actor and Marla Louissaint, of New York City, was named best actress Monday night at the sixth-annual "Glee"-like competition, nicknamed the Jimmy Awards after theater owner James Nederlander.

Each will receive a \$10,000 scholarship award, capping a monthslong winnowing process that began with 50,000 students from 1,000 schools and ended at the Minskoff Theatre, the long-term home of "The Lion King," which doesn't perform on Mondays.

The 52 teens who made it to New York this year - 26 girls and 26 boys - got a five-day theatrical boot camp fueled by pizza at New York University's Tisch School of the Arts, complete with scrambling to learn an opening and closing group number, performing their medley numbers and advice on their solo songs, plus a field trip to watch "An American in Paris."

The judges were Bernie Telsey and Rachel
Hoffman from casting company Telsey +
Company, Disney Theatrical Group head Thomas
Schumacher, New York University's Kent Gash,
National Artists Management Company leader
Alecia Parker, casting specialist Tara Rubin
and Nick Scandalios from the Nederlander
Organization. The host was two-time Tony Award
winner Michael Cerveris, who is starring on
Broadway in "Fun Home." Four runners-up will
each receive \$2,500.

Online: http://www.nhsmta.com





General Hospital' Actor Geary To End Role On July 27

Anthony Geary, whose character Luke Spencer's marriage to Laura in 1981 on "General Hospital" was the biggest moment in daytime television history, will appear in his final episode next month.

ABC announced in May that Geary decided to leave the show after nearly three decades, saying his character would be written out of the series later this summer. His last appearance in the role will air on July 27, the network announced Monday.





More than 30 million people tuned in to watch Luke marry Laura, considered a storybook event despite a backstory of Laura falling in love with her rapist. Actress Genie Francis, who played Laura but hasn't been on "General Hospital" since 2013, has returned to participate in the story of Luke's exit. They've teamed up to save their son Lucky, played by Jonathan Jackson. They believe Lucky has been kidnapped. Jackson, who left the show in 2011, will also briefly reprise his role to help usher out the character of Luke.

Geary, 68, began playing Luke in 1978. He said in a statement that he originally signed on for a 13-week stint. He said except for an eight-year hiatus in the 1980s, "Luke Spencer has been my alter ego ever since. I'd like to thank ABC, my producers and the GH audience for a long and exciting ride."

Geary has received a record eight Daytime Emmy Awards for his work as Luke Spencer.

"General Hospital" marked its 52nd anniversary in April and is the only remaining soap opera on ABC. It's the longest-running daytime drama on television.

Online:

http://abc.go.com/shows/general-hospital/









Nearly two-thirds of Americans with Alzheimer's disease are women, and now some scientists are questioning the long-held assumption that it's just because they tend to live longer than men.

What else may put woman at extra risk? Could it be genetics? Biological differences in how women age? Maybe even lifestyle factors?

Finding out might affect treatments or preventive care. One worrisome hint is that research shows a notorious Alzheimer's-related gene has a bigger impact on women than men.

"There are enough biological questions pointing to increased risk in women that we need to delve into that and find out why," said Maria Carrillo, chief science officer for the Alzheimer's Association. Last month, the association brought 15 leading scientists together to ask what's known about women's risk. Later this summer, Carrillo said it plans to begin funding research to address some of the gaps.

"There is a lot that is not understood and not known. It's time we did something about it," she added. A recent Alzheimer's Association report estimates that at age 65, women have about a 1 in 6 chance of developing Alzheimer's during the rest of their lives, compared with a 1 in 11 chance for men.

e tricky part is determining how much of the disparity is due to women's longevity or other factors. "It is true that age is the greatest risk factor for developing Alzheimer's disease," said University of Southern California professor Roberta Diaz Brinton, who presented data on gender differences at a meeting of the National Institutes of Health this year. But, she said, "on average, women live four or five years longer than men, and we know that Alzheimer's is a disease that starts 20 years before the diagnosis." That's how early cellular damage can quietly begin.





Brinton researches if menopause can be a tipping point that leaves certain women vulnerable.

However it starts brewing, there's some evidence that once Alzheimer's is diagnosed, women may worsen faster; scans show more rapid shrinkage of certain brain areas.

But gene research offers the most startling evidence of a sex difference.

Stanford University researchers analyzed records of more than 8,000 people for a form of a gene named ApoE-4, long known to increase Alzheimer's risk.

Women who carry a copy of that gene variant were about twice as likely to eventually develop Alzheimer's as women without the gene, while men's risk was only slightly increased, Stanford's Dr. Michael Greicius reported last year.

It's not clear why. It may be in how the gene interacts with estrogen, Brinton said.

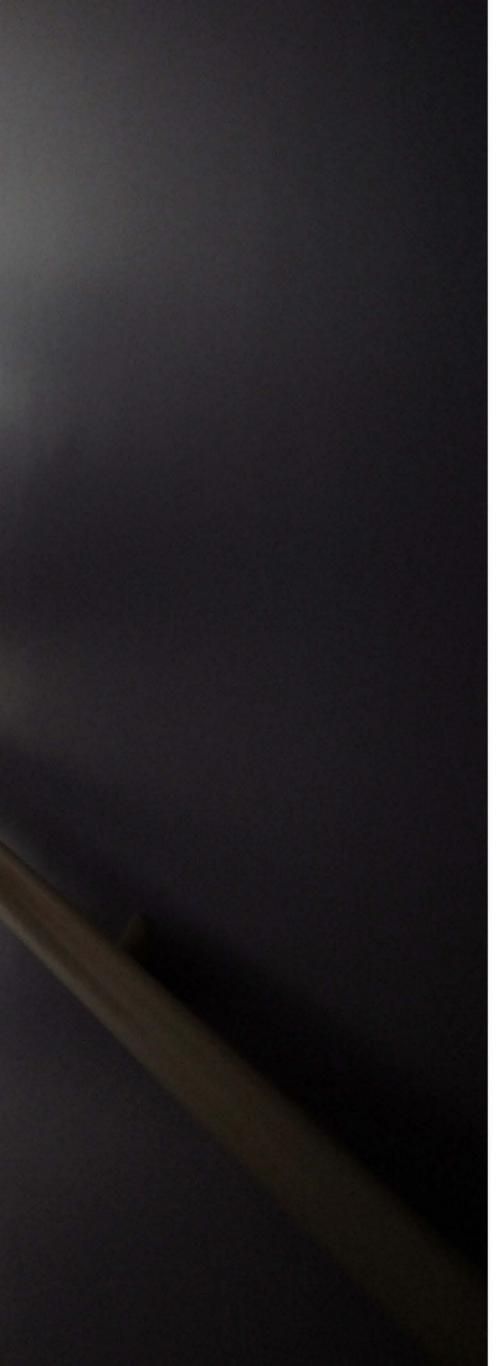
Amy Shives, 57, of Spokane, Washington, recalls when her mother began showing symptoms of Alzheimer's. But it wasn't until after her own diagnosis a few years ago that Shives looked up the gender statistics.

"That was alarming," said Shives, who is in the early stages of Alzheimer's, which struck at a younger-than-usual age and forced her retirement as a college counselor. "The impact on our lives and that of our families is extraordinary."

She points to another disproportionate burden: About 60 percent of caregivers for Alzheimer's patients are women.

"My daughters are in their 20s and I'm already ill," Shives worries. "It's very stressful for them to think about when their mother's going to need their help." What drives the difference in Alzheimer's cases isn't clear, said Dr. Susan Resnick of the National Institutes of Health, pointing to conflicting research.





"We really have had a tough time understanding whether or not women really are more affected by the disease, or it's just that they live longer," Resnick said.

Data from the long-running Framingham,
Massachusetts, health study suggests that
because more men die from heart disease in
middle age, those who survive past 65 may have
healthier hearts that in turn provide some brain
protection. Many of the same factors - obesity,
high cholesterol, diabetes - that damage arteries
also are Alzheimer's risks.

What about hormones? That's been hard to pin down. Years ago, a major study found that estrogen therapy after 65 might increase risk of dementia, although later research showed hormone replacement around the onset of menopause wasn't a problem.

Brinton studies how menopause changes the brain. Estrogen helps regulate the brain's metabolism, how it produces the energy for proper cognitive function, and it must switch to a less efficient backup method as estrogen plummets, she explained.

"It's like the brain is a little bit diabetic," said Brinton, who is studying whether that may relate to menopausal symptoms in women who later experience cognitive problems.

Carrillo notes that 40 years ago, heart disease was studied mainly in men, with little understanding of how women's heart risks can differ.

"How do we make sure we're not making that mistake when it comes to Alzheimer's?" she asked.



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