

Lost Spirits
DISTILLED SPIRITS
- SCIENCE - INNOVATION - ART -



2016 BEST MANUFACTURING / PROCESSING
TECHNOLOGY INNOVATION
AWARDS SUBMISSION

IFE WORLD FOOD
INNOVATION AWARD



WHY IS LOST SPIRITS DESERVING OF A TECHNOLOGY INNOVATION AWARD IN MANUFACTURING?

In 2015, Lost Spirits revealed that it had produced a rum with a near identical chemical signature to rum aged in a barrel for 20 years. That rum had been produced in the lab, and it had been matured in just 6 days.

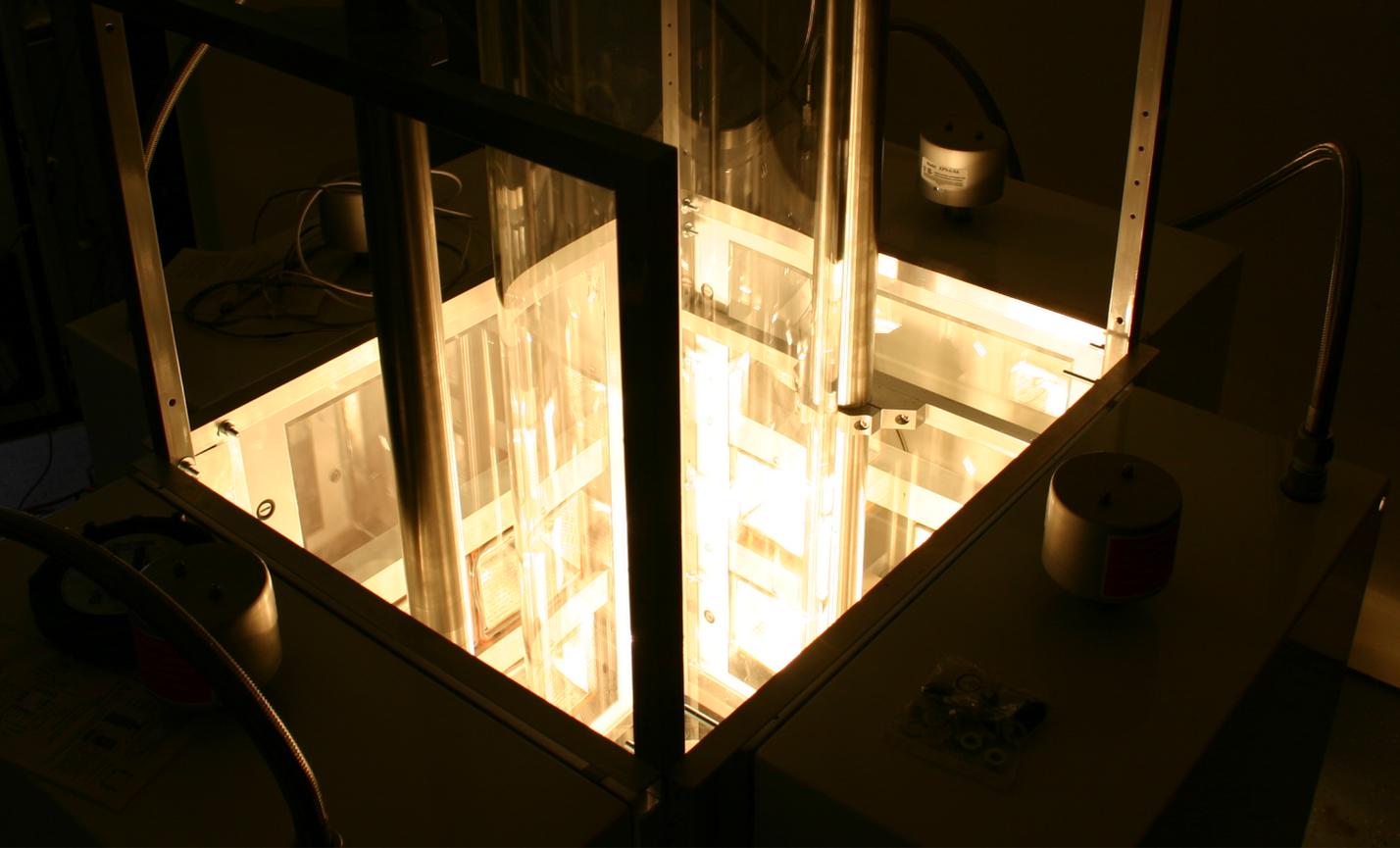
Lost Spirits and its products are the culmination of 5 years of laboratory experimentation.

In 2016 Lost Spirits will introduce a revolution called the THEA | One aging system.

The advanced tool will be deployed in many distilleries, improving the process of manufacturing by massively increasing the quality of distilled spirit while dramatically reducing the cost to produce it.

For the first time, consumers will be able to buy mature whisk(e)y, rum, and Brandy for less than \$40 a bottle (typically \$500 - \$2,000).





HOW DOES THE SCIENCE WORK AND WHY IS IT A MAJOR INNOVATION FOR THE INDUSTRY?

The science behind the THEA | One is based upon triggering esterification in unique ways. These reactions are interdependent and rely upon multiple steps. The process encourages alcohols to bind with acids. Further steps allow for polymers to break apart in oak. Combined results include dense production of flavorful esters.

The approach gives newly distilled spirits more balance in flavor while achieving significant complexity and density that could not otherwise be achieved without decades in a barrel.

The spirits are never compromised with additives or adulterants; the results have proven to produce rum with a strikingly similar chemical signature to that of a 20-year-old product.

Why this is such a breakthrough, in an industry so resistant to change, is easy to see: the process

grants creative freedom to build prototypes rapidly, get to market, and instantaneous grow without limits.

Yes, the rapid aging process hastens the process by definition, but it also significantly reduces costs by eliminating evaporation. While Lost Spirits is aware of this, the goal was not to develop cheaper product across the map, rather the focus was on quality - but the cost savings are undeniable.

The preservation of the angels share could be one of the biggest perks of the system. Under normal barrel aging conditions 2% to 12% (or more) of each barrel disappears into thin air each year. These losses are reduced to 0% angels share when using a THEA | One system. Preserving the evaporation of alcohol, combined reduced years of financing costs, are immense.



THE THEA | One



WHO IS BEHIND THIS INNOVATION

Bryan A. Davis

(BOARD OF DIRECTOR'S TO BE ANNOUNCED IN THE COMING MONTHS)

Co-owner, Inventor and Distiller

According to GQ, Bryan Davis is "One of the most raved about young distillers in the US". His work, studying the science of distillation, and maturation spans two decades.

He began his life long journey at the age of 16, when he started making rudimentary rum in his closet - mostly because he couldn't get a fake ID.

Since then he has built two award-winning distilleries, a subsequent lab, and a technology company

dedicated towards licensing the THEA | One reactor to small, medium and large sized distilleries.

Today Bryan is enjoying the fruits of his labor. Lost Spirits has recently fielded inquiries from around the world including representatives of foreign governments. The company has research agreements in place with most of the multi-national beverage companies. AND currently over 65+ distilleries are on the waiting list for his reactors (which have begun rolling out already).

Lost Spirits, cont'd



Davis' work has been covered in The Spirits Business, Whisky Advocate, Imbibe, Wired, People, New York Times, LA Times, Vanity Fair, Huffington Post and other prominent publications. During his TED Talk in Bermuda, Davis explains, "Everything I know about booze I learned from Google."

His distilled spirits Have taken home many Awards and have gained Extremely positive acclaim

from critics worldwide including several gold medals from Miami's Rum Renaissance Festival including a best of Class in 2015.

The Lost Spirits board of directors include the former CEO's of two multinational beverage companies and other key players in the beverage space, as well as key executives from the technology space.

A close-up photograph of a snifter glass filled with dark rum, positioned next to a bottle of Lost Spirits rum. The bottle's label is the central focus, featuring a historical illustration of a woman and ships. The text on the label includes 'Lost Spirits DISTILLERY', 'MONTEPEX COUNTY, VA', 'COLONIAL AMERICAN INSPIRED RUM', 'A collaboration with Bounty Hunter Rare Wine & Spirits', and 'OAK MATURED'. At the bottom of the label, it says '750 ML 62%'.

WHAT HAVE
THE CRITICS
SAID ABOUT US?

"The first sip almost tastes like a fine single malt whiskey but the sweet finish is nothing but delicious refined rum."

"Lost Spirits has been hacking the traditional rum making process and concocting some of the most astonishing rums I've ever tried.."

"Lost Spirits's device forces the creation of the same key chemical compounds that give a well-aged spirit its unique character."

"Gold Medal and Best of Class" - Dark Rum, 2014

"Gold Medal" - Overproof Rum, 2014

"Gold Medal" - Overproof Rum, 2015

"Bryan Davis (Founder of Lost Spirits and Co-Owner of the Company) is one of the most raved about young distillers in the U.S."

GIZMODO

HUFFPOST TASTE

WIRED

**MIAMI
RUM
RENAISSANCE
FESTIVAL**
A CELEBRATION OF CANE SPIRITS
IN THE NEW WORLD

GQ
LOOK SHARP • LIVE SMART

"The Lost Spirits method is the first to accomplish a near identical chemical signature to a similar product aged conventionally for decades."



"Miller is a wholesale believer who describes what Davis has done as "really extraordinary." -Greg Miller, Ph.D., professor of chemical engineering.



"The Lost Spirits Technology's THEA | One Reactor is one of the best spirits innovations of the year and an inductee into the 2015 GP100."



"The Lost Spirits device creates the same chemical compound as those found in a well-aged spirit."



"It's a place less about making alcohol and more about waking an industry from centuries old stupor."



"Industrial distilleries need to fear flavour this good, and drams this creative."



"They (Lost Spirits) are pushing the convention forward."



"...It turns out experts say he can (make 20 year old spirit in 6 days)..."

