

TyRex Boosts WOW Factor with Dinosaurs

The TyRex Family Dinosaur Museum procured its first three WOW exhibits, each representing a TyRex Technology Business Family Entity.

As a part of the TyRex Family's Technology and Dino Park, these prehistoric attractions will help illustrate our company's passion for connecting the past and its ancient discoveries of wonder, engaging and experiencing the challenges of the present, and envisioning the incredible technological innovation that will change the way we work and live.

"With these additions to the TyRex Family Dinosaur Museum, visitors to our facility will most certainly remember their time here!"

-John Bosch, Jr.

When touring the TyRex facility, the first dinosaur guests will meet is "**Rex**," our animatronic 12 ft. x 7.5 ft. *Tyrannosaurus rex.* Rex was designed to match the T-Rex seen in the film *Jurassic Park which was released in 1995 when TyRex was formed. Rex* is capable of moving its arms, head, eyes and tail while emitting a thunderous and scary roar! What's that in the sky? It's a bird, it's the size of a plane - it's iRex's "**Big Bird**," our facility's life-sized *Pterosaur*! Sculpted and painted by artist Andhi Spath, Big Bird looms over the facility's skies and looks capable of using its 20 ft. wingspan and brightly detailed feathers to swoop down and more closely greet visitors.

A fish out of ancient water, **"Meg"** is our Megalodon jaw statue. Its 8ft. x 8ft. frame is estimated to be lifesized, but can certainly fit 3 people inside. While this statue is not as lively as the other dino mascots (see the back page), the imagination it sparks is unique in its own right.

Special thanks to everyone who helped procure and install these truly special pieces of art! We are told more dinosaurs and authentic fossils are on their way here now.









Coach's Corner

John Bosch, Jr. Coach, Mentor and TyRex's Technology Visionary



2021: What a Challenging Business Year for the TyRex Technology Family

In a year of challenges, behind the extraordinary efforts of our TyRex business family, each of our technology business entities individually and collectively successfully moved their business family forward. In spite of battling COVID-19 daily, experiencing a severe winter storm which closed our business for several days, and daily pivoting production schedules due to serious supply chain shortages, TyRex managed to stay financially successful, enjoying monthly special company events along the way as noted by the TyRex Trail of Lights holiday celebration, TyRex Dinoween and (not pictured) our Thanksgiving with many special THANK YOU's! Most of all, in 2021 TyRex successfully repositioned its businesses to give it TyRex Technology Business Family the roadmap to engage, prosper and ambition of reaching TyRex's #1 goal of becoming Evergreen (never turning on the exit light). Stay tuned for more details.

It's interesting to note that as far as we know, TyRex is the only technology business to exist inside an authentic dinosaur museum. So come see us personally as business interested partners or with your family enjoying our technology and dinosaur tour (when COVID-19 is in our rear view mirror). We would love to share with you our TyRex business connecting the past to best prepare for the present, and together explore the technology future we will be living and working in. Thanks for listening!

Technology Time^s™



An eBook written by Reina Wiatt, John Bosch, Jr., with contributing segments by Andrew Cooper, Martin Johnson about five (5) rapidly converging technologies and the dramatic effect on business technology and manufacturing commerce. Give us your comments on Technology TimeSM and we will mail or

email you a Starbucks gift card so you can enjoy a coffee with your next future of technology eBook.

Scan the QR code to read the Technology Time eBook now!



Hosting ARMA's CEO Group for a special tour

TyRex Trail of Lights 2021





This year's TyRex Trail of Lights was a special way to celebrate the Holiday Season as we got to welcome everyone and their family members! Thank you to all of the outstanding employee members who stayed late to help set up, facilitate and spread tons of holiday cheer at the event. If you'd like to relive the festively fun evening filled with dinos, lights, cars, prizes and more, check out our Facebook album.

TyRex Dinoween 2021



Pumpkins, ghosts, witches and dinosaurs made for an excellent TyRex Dinoween celebration! We appreciated everyone's hard work and the creative thinking that went into the festive costumes and spooky gourds. It's always fun seeing what goes on display during our annual costume and pumpkin decoration contests, and congrats to this year's winners.

The Great Pumpkin Decorating Contest







TyRex Family Costume Contest



1st Place Winner - Noemi Sanchez



2nd Place Winner - Bob Zawadzki



3rd Place Winner - Heather Geib



TyRex New Technology Family Excursions







Process Capability Index

Measuring process capability can test machine performance and improve quality. In this article, iRex breaks down the definitions and differences between Process Capability (Cp) and Process Capability Index (Cpk) while highlighting best practices and what processes Cp is not compatible with.



Custom Fiber Optic Mandrel

Megladon and TekRex recently collaborated to create a super-compact fiber routing application, the custom fiber optic mandrel. The mandrel system was designed to coil discrete lengths of fiber cable into a cassette, nesting them into one another. About the size of a typical wallet, the mandrels are 3D printed and built as a cone with a flange to achieve the desired nesting diameter. The custom fiber optic mandrel tool is just one in Megladon's catalog of industry-changing 3D printed products.



DLi Defined: Beam Pen Lithography

Discovered by the Mirkin Research Group in 2010, Beam Pen Lithography (BPL) is a cantilever-free approach that uses light to affect photochemistry and create nanoscale features. While other nanofabrication techniques require pressure to control the tip arrays, BPL is coupled with a DMD to individually control each light beam. Not only does BPL offer more advanced control, it's also a more cost-effective technology and has already been commercialized by TERA-print who utilized a custom DLi CEL5500 light engine.



TyRex Family Dinosaur Museum

Authentic Fossil of the Month



TyRex Family Album

TyRex Trivia

Are you a TyRex Trivia Winner? If you're looking to score a free Austinite breakfast, be sure to log into the TyRex Family Album and check for the latest trivia question and participate! This quarter, the TFA has completed two rounds of TyRex themed trivia topics, and in case you missed the answers, scan the QR codes to learn a couple of TyRex facts.

Two Truths and a Lie #3: Keith Smith



Company Trivia: iRex Client Featured in Netflix Documentary



Get Involved

On the TyRex Family Album, connect with fellow TyRex Family members and discuss TyRex news, employee accomplishments, internal contests, company trivia, Dino Museum facts and finds, important updates and so much more! Join the rest of the TyRex Family and log on to the TFA and get involved!



TyRex Kudos & Acknowledgments

Employee of the Month Honorees



Phuong Nguyen (SRX)

"Phuong demonstrates Professionalism at every level – being punctual, focused on doing quality work, helping others, maintaining a clean work area, and supporting any customer needs either directly or indirectly."

Check out Phuong's 3D printed bust featured in the photo!



Veronsky Don Bernard (MGD)

"Vero exemplifies the Diamond Discipline of Professionalism. She is a great team member and excels at communicating and coordinating time-sensitive information. Vero works through questions and problems with team members and demonstrates great attention to detail. Also, her friendliness and kindness make working with her a pleasure."



Danny Ross (IRX)

"Danny exemplifies the Community Citizenship diamond discipline! Over the years he has helped with multiple iRex community giving programs, including this year with the backpack drive for a local Rotary club. Besides helping our community, he is always working hard to get things done and helping others."

TyRex 3D Printing Training Certifications



In one month alone, TyRex Family Members achieved over 25 3D printing course certifications. Earned certifications this year consisted of 3D Printing levels 1, 2 and 3 as well as launching a 3D Design Software class set to complete early 2022.

Employee Milestones

Birthdays

Anniversaries

October

2	Amy Peterson (SRX)
	Le-Thu Ngo (MGD)
5	Robert Girdner (SRX)
	Carlos Gomez (ARL)
5	Trevor Hendricks (TRX)
8	Yeni Murillo (IRX)
15	Erica Nieto (ARC)
17	Bob Zawadzki (SRX)
20	
22	Matt Lovelace (ARC)
	Elisa Rodriguez (IRX)
	Emily Smith (TRX)
	Cynthia Ferrell (MGD)

November

2	Andrea Guzman (IRX)
8	Amy Bosch (TRI)
	Martina Hernandez (IRX)
9	Yeimi Rivera (IRX)
11	
12	Gloria Walls (SD)
	George Ayad (TRX)
14	Larry Legler (ARL)
	Alicia Silvan (ARC)
	Sterling Steves (IRX)
26	Andy Grimmer (IRX)
28	Veronica Hernandez (IRX)
30	Phuong Nguyen (SRX)

December

1	Irma Baltazar (IRX)
4	Will Spencer (TKRX)
5	Deyse Bueno (MGD)
5	Vero Don Bernard (MGD)
9	Danny Ross (IRX)
13	Lucy Rivera (IRX)
16	Zainab Hanoon (ARL)
24	Raymond Satalal (SRX)
25	Yi Zhang (SRX)
28	Carmen Gomez (IRX)

October

1 Year	Kelly McGill (IRX)
4 Years	Robert Zawadzki (SRX)
17 Years	Lisa Martin (TRX)

November

1 Years	Al Amin (SD)
3 Years	Amanda Paternoster (IRX)
3 Years	Sterling Steves (IRX)
4 Years	Morgan Humburg (TRX)
4 Years	Patrick Newman (TRX)
	nristian Fredrickson (TKRX)
8 Years	Miguel Barrera (DLI)
23 Years	Kevin Alwell (TRX)

December

1 Year	Emily Smith(TRX)
	Vero Don Bernard (MGD)
22 Years	Jeff Walton (SRX)









Family of Technology Companies









iRex









Arctos

Austin D Reliability Labs Ir

Digital Light Innova<u>tions</u>_____

Megladon

Saber Data

Associated Entities

SabeRex

TekRex

Nonprofit

RecognizeGood® Illuminating GOOD in Our Community



Prospectors



Scientific

<u>Special</u> By Design[®]



Right Stuff

Marketplace



4 Fronts





TyRex Learning Foundation

tri/REX

BENEFITS CONTACT INFORMATION FOR TYREX FAMILY MEMBERS

CoAdvantage

Benefits Information, View Paychecks, Change of Address, W2 Reprints & Employee Discounts can be accessed through the employee portal at: CoAd360.com

CoAdvantage Employee Service Center (available 24/7)

(800) 868-1016 • data@coadvantage.com

Aetna Medical

(800) 704-7287 • aetna.com

MetLife Dental (800) 942-0854 • metlife.com

MetLife Vision (855) 638-3931 • metlife.com

Mass Mutual 401K Retirement Plan

Enrollment, Rollovers & Statements (800) 743-5274 • retiresmart.com

TyRex Group, Ltd. + 12317 Technology Blvd., Ste. 100 + Austin, TX 78727 + (512) 623-4694 + tyrexmfg.com