



Michael G. Albrecht Enrichment Speaker

Tour of the Universe Slide Presentations Science, History, Travel, Nature

**Cruise Ships
Senior Retirement Communities
Independent, Assisted Living, and Memory Care Centers
National and State Park Systems
Schools and Public Spaces**

**Well-researched, lively 45-60 minute presentations
All equipment provided as needed
\$150 per show**

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**Title and Description List
Summer 2025**

<i>21st Century Space Age and Space Tourism</i>	Representing the dawn of a new Space Age, this presentation examines private entrepreneurial companies such as SpaceX, Blue Horizon, United Launch Alliance, Virgin Galactic, and many others that are partnering with – and pressing – NASA and the European Space Agency to expand human presence and exploration farther into the solar system.
<i>Astronomy – Great Galaxies and Information-rich Light</i>	Extend your mind's eye deep into the cosmos with spectacular images of galaxies and stars. Gathered by the Hubble Space Telescope and the new James Webb Space Telescope, these images help us understand the role that information-rich light from stars plays in unraveling the mysteries of the universe, and allows us to gain a better understanding of our place in the cosmos.
<i>Astronomy – Dynamic Milky Way and Solar System</i>	Examine star formation, evolution, and disintegration occurring over time throughout the Milky Way. Learn how massive hydrogen clouds known as nebulae produce stars, and how stars in turn fuse protons in their core into the heavier chemical elements found on the Periodic Table that form next-generation solar systems and, under the right conditions, life.
<i>Arctic Exploration Surveyed</i>	Tracing the path from Eric the Red discovering Greenland in 982 CE, to the ill-fated Franklin Expedition in the 1840s, up to Admiral Richard Byrd flying to the North Pole in 1926, this presentation provides an exciting overview of Arctic polar voyaging through the centuries.
<i>Big Bend National Park of Far West Texas</i>	Whether a geologists' paradise or nightmare, the Big Bend region of far southwest Texas stands as a magnificent, relatively unknown gem in American national parks system.
<i>Boston and Massachusetts - History to Present</i>	A sweeping history of one of America's most vibrant modern and historical East Coast ports.
<i>Climate Change Explored</i>	Using NASA, NOAA, and ESA satellite imagery and data – and highlighting reports by the U.S. military, insurance companies, and global investment firms – this presentation examines warming atmospheric and oceanic conditions that are triggering dramatic and expensive changes in climatic and weather patterns. Alternative energy and policy solutions in progress are examined.
<i>Costa Rica – Pacific Coastline</i>	This presentation takes the viewer on a tour of magnificent Pacific beaches and into surrounding forests rich with plant and animal life. Discussion includes Costa Rican history and its emergence as one of the world's cleanest energy producers.

<i>Easter Island</i>	Explore the mystery surrounding one of the most remote and curious human outposts in this presentation based on historical documents and archeological research into Easter Island.
<i>Einstein's Special and General Relativity Explored</i>	This presentation examines the fascinating path of 19th century scientific discovery that led to Einstein's theories of Special and General Relativity. These concepts paved the way for 21st century civilization to thrust humanity into the dramatic, hi-tech future we experience today.
<i>Forests - Intelligent Communities of Biodiversity</i>	Groundbreaking botanical research has rewritten our understanding of how trees interconnect through underground root systems to communicate and share resources in forests.
<i>German Immigration to Texas 1800s - From Frying Pan into the Fire</i>	Fleeing social upheaval in Germany only to find themselves embroiled in the turmoil of Texas-Mexican-Native conflict and the U.S. Civil War, thousands of German immigrants faced hardship and difficult decisions as they sought - and succeeded - in building a new life, making great contributions to Texas and America.
<i>Grand Canyon National Park – Earth History Exposed</i>	Often called "an open book of Earth's geologic and fossil history," this presentation takes audiences from the rim of the canyon to the Colorado River and high overhead in an aerial survey of this stupendous natural wonder.
<i>Great Galveston Hurricane of 1900</i>	Documenting the meteorological and geopolitical origins of what still stands as the worst natural disaster in U.S. history, this presentation surveys the dramatic lead-up to this avoidable event and provides original black and white photographs of the aftermath of this tragedy.
<i>Hawaiian Islands Geology & History</i>	Riding over thin ocean-floor hotspots, the Hawaiian Islands lumber northwest in the Pacific Ocean, like gigantic mountains in motion. Mauna Kea – home to one of the world's great telescope complexes – rises 13,796 feet above sea level. This presentation examines this phenomenal tectonic region that supports a spectacular array of flora and fauna.
<i>Iceland – Tectonic Land of Fire and Ice</i>	Emerging out of the North Atlantic from a crack in the Earth's crust, Iceland rose from the sea to provide a home to Vikings and their descendants on a dramatic landscape of glaciers and hot springs. This presentation takes viewers on a road trip around the high-latitude, sparsely-populated, basaltic island nation.

<i>Lunar and Mars Exploration – NASA's Astronaut Nutrition System</i>	A fun romp through the history and future of space nutrition and meal preparation on the International Space Station as we prepare to journey to the Moon and on to Mars.
<i>Maritime Navigation - Celestial to GPS</i>	Tracing the evolution of human migration over the high seas to faraway lands, using stars, wind and ocean currents, bird sightings, and now GPS satellites to navigate the globe, this presentation covers the long history of adventure and travel.
<i>Mayan and Aztec Astronomy and Calendars</i>	Charting the archaeoastronomy of these two great Central American civilizations, this presentation dives into the night sky as viewed by Aztec and Mayan astronomers who built magnificent temple complexes to map the heavens to guide their agricultural and spiritual activities.
<i>New England Winter – Nor'easters on Maine Coastline</i>	Watch lobster fishermen unload the day's catch at one of Maine's rustic coastal ports and see nor'easter winds whipping snow into drifts on this tour of dramatic and historic seaside landscapes.
<i>New York City and State - History to Present</i>	Surveys New York history from its earliest inhabitants, through the colonial and Revolutionary War era, to the modern age, as we visit this electrifying American city.
<i>Ocean Floor Mapping and Deep Sea Photography</i>	Dive into the deep ocean depths with underwater cameras and photogrammetry mapping technology to experience worlds and beautiful and bizarre life forms unseen by most humans.
<i>Panama Canal - Origin, Construction, Present</i>	Examining the long and difficult multi-national effort to redirect shipping from the Cape of Good Hope to shorter and more affordable trade routes, this presentation captures the challenge and triumph of this early 20 th century engineering feat.
<i>Petroglyph Rock Art - Ancient Works of Distant Ancestors</i>	A tour of some of the world's great ancient rock art petroglyph sites created by human minds and hands in fascinating remote locations.
<i>Romans-Celts-Druids-Germanic Tribes – Collision of Cultures</i>	As the Roman Empire expanded north of the Alps into Europe, it encountered Celtic tribes scattered across what is now France, Spain, and Switzerland. Those Celtic tribes were, in turn, being pressed by Germanic tribes migrating east. This presentation examines the dramatic events that unfolded as these various cultures collided across Europe.
<i>Stargazing through the Starry Seasons</i>	Highlights the constellations and celestial objects visible each season as Earth revolves like a Merry-go-round around the sun. Accompanied by space science current events and laser-pointed star party, if desired, at night.

<i>Texas Hill Country History, Geology, and Wildflowers</i>	Explore the lovely Texas Hill Country west of Austin, home of the crystal blue Highland Lakes, Precambrian pink granite domes of rock, and magnificent displays of spring wildflowers. Includes a sweeping survey of rambunctious Texas history.
<i>Texas Tumultuous Political History – 1800s – present</i>	A rousing romp through 180+ years of Texas politics, from antebellum, pre-Civil War times, to 21 st century gamesmanship in the Texas Capitol.
<i>Using Photons from the Sun to Power Hyperscale Internet Cloud Data Centers</i>	As data centers buzz with a tsunami of social media and artificial intelligence traffic, operators turn to renewable energy to enhance and modernize the electric grid.
<i>U.S.-Russian Space Race 1940s to Present: Competition & Cooperation</i>	Emerging out of WWII, American and Russian forces each captured German rocket scientists, including Werner von Braun, launching the space race that catapulted humans into orbit and to the Moon. What began as geopolitical competition has evolved into international cooperation as the superpowers and other nations move to build and share orbiting space stations engaged in scientific research that benefits humanity.
<i>Vikings (Scandinavian Tribes) Storm & Transform Europe</i>	This presentation transports audiences from the 793 AD attack on the St. Cuthbert Monastery at Lindisfarne, England, to the devastating Battle of Stamford Bridge, Yorkshire, England, 1066, surveying highlights of the rise and ultimate mutual assimilation of Viking and European cultures into each other.
<i>Vikings Sail West - Discover Iceland and Greenland</i>	Tracking Viking ships and navigation west into the North Atlantic, this presentation provides an overview of Scandinavian exploration and settlement in Iceland.