



360^{of Sight} + Sound

The Planetarium Project

April 18, 2018

Cleveland Museum of
NATURAL HISTORY



CLEVELAND
INSTITUTE OF MUSIC



360° of Sight + Sound: The Planetarium Project

Through the Ages

Wednesday, April 18, 2018

Nathan and Fannye Shafran Planetarium

Cleveland Museum of Natural History

Stone Age

Animators: Kathryn Fischer, Jamal Gibson, Hannah Obremski

Composer: Julián Fueyo

Surround Mix Engineer: Ophir Paz

Industrial Age

Animators: Maria Buchman, Joseph Williams, Cassandra Yee

Composer: Qingye Wu

Surround Mix Engineers: Hudson Brett, Ophir Paz

Space Age

Animators: Shep Lemanowicz, Kimberly Moore, Knox Price

Composer: Joseph Tolonen

Surround Mix Engineer: Ophir Paz

Digital Age

Animators: Taelor Benoit, Samuel Klug, Alexander Marek

Composer: Timothy Reinholz

Surround Mix Engineers: John Konopka, Ophir Paz

Into the Future

Animators: Wei-Chen Liu, Yifei Ma

Composer: Gabriel Novak

Surround Mix Engineer: Ophir Paz

360° OF SIGHT + SOUND

360° of Sight + Sound: The Planetarium Project is a unique collaboration between the Cleveland Institute of Art, Cleveland Institute of Music and Cleveland Museum of Natural History—five original 360° films created by CIA student animators, scored by CIM composition students and mixed for surround by CIM and CWRU audio majors, debuting on CMNH's Nathan and Fannye Shafran Planetarium dome.

The 2018 program marks the fourth presentation of this biennial event which completely surrounds audience members with the sights and sounds of the student films. The 3D technology of the state-of-the-art Leonard Krieger Sky-Skan projection system pushes the students to create an immersive audio and visual experience while developing new artistic techniques and learning the art of collaboration.

Keith Fitch, head of CIM's Composition Department, noted that the project is “a wonderful opportunity for students to work with artists from other disciplines, as well as continuing the ongoing commitment to collaboration with institutions and artists throughout University Circle and the greater Cleveland area.”

Work on tonight's films started when the animators and composers met to kick off the project. As the animations progressed, the composers began creating the sound world. Together with the audio engineers, the student teams worked closely throughout the academic year to ensure that the scores perfectly accented the visual elements of the final animations while surrounding the audience. Tonight's films will be submitted to DomeFest—a juried exhibit that spotlights technology, art and music in domed theaters. Although dome films are modest in numbers, increases in technology have made them a rapidly growing medium.

ABOUT THE DIRECTORS

Jason Davis, Shafran Planetarium Manager at the Cleveland Museum of Natural History, joined the department in 2001. In his current position, Davis develops original programming for sky shows presented in the planetarium and helps to develop educational programs in astronomy for students and the visiting public. Previously, Davis honed his skills in sky show presentation at the Strasenburgh Planetarium in Rochester, New York. He also conducted significant astronomical research at Mount Laguna Observatory on its one-meter telescope, completing observations that were published in 2003. Davis is an active member in good standing in the Great Lakes Planetarium Association. He earned his Bachelor of Science in astronomy and geology at the University of Illinois at Urbana/Champaign.

Bruce Egre is head of the audio recording degree program at the Cleveland Institute of Music. He is also President and Chief Recording Engineer of Azica Records, a Cleveland-based record company specializing in classical and jazz music. Egre won the 2015 Grammy for Best Classical Instrumental Solo “Engineer,” Jason Vieaux “PLAY.” He is an active freelance recording engineer having done projects for numerous record companies and a member of the Audio Engineering Society and the National Academy of Recording Arts and Sciences.

Keith Fitch currently holds the Vincent K. and Edith H. Smith Chair in Composition at the Cleveland Institute of Music, where he also directs the CIM New Music Ensemble. His works have been performed throughout the United States, Europe and Asia by such ensembles and soloists as The Philadelphia Orchestra, American Composers Orchestra, League of Composers Orchestra, Chamber Music Society of Lincoln Center, St. Luke’s Chamber Ensemble, Colorado Quartet, Da Capo Chamber Players, Yolanda Kondonassis and Jason Vieaux, and many others. Among his many awards are those from ASCAP, National Society of Arts and Letters, Indiana Arts Commission, National Endowment for the Arts, Fromm Foundation, Ohio Arts Council, American Academy of Arts and Letters and The Copland House. His music is published by Non Sequitur Music Edition Peters and can be heard on Azica Records and Naxos Digital. www.keithfitch.com.

Steven Mark Kohn, director of the electronic music studio at the Cleveland Institute of Music, has created TV and radio commercial music for Wheaties, Arby's, Matrix, Volvo, BP, TRW and others and has composed scores for children's programs on PBS, ABC and the Disney Channel. Other clients include Health Journeys, KFI Radio Los Angeles, Sea World, Harper Collins Audio Books, Second Story Productions and The Sylvia Rimm Show (NPR). His American Folk Song arrangements were premiered in Carnegie Hall by David Daniels and Martin Katz and have been performed all over the world by a number of artists. Kohn recently completed the libretto for the opera *Riders of the Purple Sage*, based on the classic western novel by Zane Grey (music by Craig Bohmiller), which received its world premiere production by Arizona Opera in February of 2017.

Hal Lewis studied painting and illustration at the School of Visual Arts in New York and finished up his BFA in painting at Long Island University. He went on to work at Dreamquest Images Visual Effects in California. After working on several live action pictures there, including *George of the Jungle*, *Gone in Sixty Seconds* and *Mighty Joe Young*, he moved to Disney Feature Animation in Burbank, California. At Disney Feature Animation, he worked on three animated feature films—*Chicken Little*, *Meet the Robinsons* and *Bolt*—creating the CG characters and supervising on *Bolt*. During his stay there, he also worked on two animated 3-D “ride films” for the Disney theme parks in Orlando and Tokyo—*Magic Lamp* and *Mickey's Philharmagic*. Lewis also worked at Sony Imageworks where he helped on the completion of the animated feature film *Arthur Christmas*. He was then hired by Digital Domain and moved to Florida, to help build an animation studio there. His first picture was scheduled to be *The Legend of Tembo*; he was the character model supervisor on this film.

Anthony Scalmato, Department Chair, Animation & Game Design, at the Cleveland Institute of Art, has created animations for American Greetings, Taylor Swift, Disney, Sony, UPS, Applebee's, Wal-Mart and many others. He has won over a dozen Best Animation awards from film festivals across the US and had his work screened in Canada, New Zealand and Italy. The majority of Scalmato's work can be found online as animated ecards for websites such as Jacquielawson.com, AmericanGreetings.com and BlueMountain.com. In 2017, Scalmato created animations for the toy-line Madballs and directed five episodes of *Care Package Chronicles*, a mini-series featuring the Care Bears.

ABOUT THE STUDENTS

CLEVELAND INSTITUTE OF ART ANIMATORS

Taelor Benoit is a traditional and digital artist who is in his third year of studying animation. He created color studies, color scripted, storyboarded and helped the team stay on an organized production schedule in the making of this film. Benoit is currently interested in pursuing a career as a color artist and motion designer.

Maria Buchman is a junior from Northern Virginia pursuing animation with an emphasis in game design. Her passion is concept development, and she hopes to soon apply her skills in the gaming industry. She says that working on this project was a wonderful experience.

Kathryn Fischer is in her junior year at the Cleveland Institute of Art majoring in animation. She is from Wisconsin and is interested in working in 2D television. She also enjoys motion graphics.

Jamal (Gibby) Gibson is an animation major at the Cleveland Institute of Art, currently finishing his junior year working towards his BFA. He was born and raised in Cleveland and, growing up, was obsessed with cartoons, which sparked his initial love for animation.

Sam Klug is a digital artist and animator who loves character design and comedy. He created the final design and assets for the robot featured in the Digital Age short. He is currently setting his sights on a career in 3D animation.

Shep Lemanowicz is a junior animation student at the Cleveland Institute of Art. His interest in animation lies mainly in storytelling and translating sounds into visuals. Outside of his studies, he's part of the Cleveland comics scene and is one of the main illustrators for the quarterly comic "Shquirat."

Wei-Chen Liu is in his junior year at the Cleveland Institute of Art majoring in animation. He is from Taiwan and is focusing on 3D modeling.

Yifei Ma is in her junior year at the Cleveland Institute of Art majoring in animation. She is from China and is focusing on motion graphics.

Alex Marek was responsible for many of the illustrated assets and character animation necessary to bring the Digital Age short to life. He also served as a story and concept artist and helped to keep his team up to speed with specialty software used to create the short.

Kimberly Moore is an animation major in her junior year at the Cleveland Institute of Art. She is a Cleveland native and originally grew up in Rocky River. She now lives in Cleveland Heights and is working towards a career as a storyboard artist. She loves sci-fi, techno thrillers and funny animal cartoons and had a blast putting “LAIKA” together with her crew for the Museum of Natural History!

Hannah Obremski is from Hinckley, Ohio and is a junior animation major with an emphasis in game design. She has a particular interest in 2D and 3D FX animation, stop motion and game animation. She was recently accepted as an intern at NASA and will begin working with them this summer.

Knox Price is a junior in animation at the Cleveland Institute of Art. Price is from the Cleveland area and is not a fan of the weather. Price’s interests in animation are majorly in color, character and story design. Price is also interested in stop motion animation and video work.

Joe Williams is studying animation with an emphasis in game design at the Cleveland Institute of Art, class of 2019. He also has a love for science and has recently had opportunities that bridge both of his interests in one project which has truly been a great experience. He has recently been working with Case Western Reserve University on a number of projects and, through these projects, has discovered new ways to share his interests with a broader audience.

Cassandra Yee is a junior at the Cleveland Institute of Art majoring in animation. Cassandra is from Mentor, Ohio and is focusing on 2D character animation and storyboarding.

CLEVELAND INSTITUTE OF MUSIC COMPOSERS

Julián Fueyo is a composer and conductor who came to the United States in 2013 to study music composition at the Interlochen Arts Academy. Fueyo’s most recent honors include awards from the Cleveland Composers Guild Composition Competition, Belvedere Chamber Music Festival, The Robert Avalon International Competition for Composers and the Abundant Silence Composition Contest. Fueyo is currently a music composition major at the Cleveland Institute of Music, studying with Keith Fitch.

Gabriel Novak is a composer and jazz pianist studying at the Cleveland Institute of Music with Keith Fitch and Steve Kohn. His music combines elements of jazz and blues with classical, new music and modern electronic sounds and sources.

Timothy Reinholz is a senior composition major at the Cleveland Institute of Music studying with Keith Fitch. He also studies viola with Mark Jackobs of The Cleveland Orchestra and electronic music with Steve Kohn. Originally from Milwaukee, Reinholz is able to explore classical, contemporary and jazz on viola and composition.

Joseph Tolonen is a composer and performer, working with acoustic and electronic music as well as collaborating with dance and film. He has been classically trained in piano and oboe, but he also plays guitar and is a songwriter. When he is not doing something music-related, he is on the internet wishing he has a dog as cute as Laika.

Qingye Wu was born into a musical family in China. In 2013, she enrolled in the Cleveland Institute of Music, where she studies composition with Keith Fitch and piano with Daniel Shapiro. She is currently completing her master's degree.

CLEVELAND INSTITUTE OF MUSIC SURROUND MIX ENGINEERS

John Konopka is a Cleveland native studying audio recording with Bruce Egge and Alan Bise, and music composition with Keith Fitch as a freshman at the Cleveland Institute of Music. His main pursuits are integrating acoustic and electronic sounds in musical compositions and scoring music for films.

Ophir Paz is a senior Audio Recording major at the Cleveland Institute of Music, studying with Bruce Egge and Alan Bise. As an intern at New York City's WNYC and WQXR, Paz was involved in projects at Carnegie Hall, Central Park and Soundcheck's studios. In 2016, Paz received the silver award at the Audio Engineering Society's recording competition.

ABOUT CIA

The **Cleveland Institute of Art** is one of the nation's leading accredited independent colleges of art and design. For 131 years, CIA has educated graduates competitive as gallery artists, designers, photographers, digital artists, contemporary craftsmen and educators. Our extensive public programming annually connects thousands of Northeast Ohio residents to the inspiration, imagination and excitement of the visual arts.



CIA's academic structure and integrity provide a vigorous educational experience that promotes critical thinking in each creative endeavor. CIA offers 15 majors in fine arts, craft, integrated media and design. With an enrollment of more than 500, our students experience a master/apprentice teaching model. Eighty percent of our classes have fewer than twenty students and our student-to-faculty ratio of 9:1 promotes individual attention from a faculty of practicing artists and designers. Groundbreaking artwork from our graduates rests in the permanent collections of prestigious museums and galleries around the world, while our design alumni are innovators at Fortune 500 companies.

CIA's public programming includes a dynamic continuing education program; an annual series of public lectures by visiting artists; and the award-winning CIA Cinematheque, which presents more than 250 feature and short films each year. In addition, CIA's Reinberger Gallery presents curated exhibitions along with annual faculty and student exhibitions.

For more information about CIA, please visit cia.edu.

ABOUT CIM

The **Cleveland Institute of Music** is one of just seven independent conservatories of music in the United States and one of three devoted exclusively to classical music performance. Its graduates command the most celebrated and revered stages in the world as soloists, chamber musicians and ensemble members; compose meaningful, award-winning new repertoire; and are highly sought-after teaching artists, administrators and thought leaders. More than half of the members of The Cleveland Orchestra are connected to CIM as members of the faculty, alumni or both. All students benefit from access to world-renowned visiting artists and conductors, intensive study with CIM's stellar faculty and the rich curriculum offered by CIM's partner Case Western Reserve University. CIM is an integral part of Cleveland's arts community, presenting nearly 600 free performances and master classes on campus each year, and hundreds more at locations throughout the region, including Severance Hall.



Explore cim.edu to learn more.

ABOUT CMNH

Cleveland Museum of
NATURAL HISTORY



The **Cleveland Museum of Natural History**, incorporated in 1920, is one of the finest institutions of its kind in North America. It is noted for its collections, research, educational programs and exhibits. The collections encompass more than five million artifacts and specimens, and research of global significance focuses on 11 natural science disciplines. Museum members, their families and other visitors broaden their perspectives of the natural world through exhibits, educational programs, lectures, live animal and planetarium shows.

For more information about the Museum, visit cmnh.org.

Act one begins



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