

Planets at the Rose Center  
for Earth & Space, *American  
Museum of Natural History*  
New York City, New York

# THEMING & ROCKWORK





**Albertosaurus Skull Interactive**, Royal Tyrrell Museum  
Drumheller, Alberta



**Sculpted Birch**, Municipality of Wawa  
Wawa, Ontario

## SERVICES

Have a unique concept or design in mind? Research Casting International can produce custom theming for any project. Since our inception in 1987, we have taken part in many renowned thematic displays, such as the rotunda in Jurassic Park, now on display at Universal Studios. More recently, we used our CNC router to carve the Seven Deadly Sins that appeared in the movie Shazam. Our work can be seen around the world, from the Geological Museum in China, to Sheikh Abdullah Al-Salem Cultural Centre in Kuwait, to Disney World in Orlando, Florida.

## DESIGN, THEMING & FABRICATION

Our creative designs and proficient fabrication techniques produce exceptional and highly accurate products every time. Our multidisciplinary team consists of sculptors, artists, welders, metalworkers, and more. We use a blend of materials including high density foams, concrete, metal, wood, epoxies, and paints. Our theming services combine specialized sculpture, specialty painting, bronze and aluminum work, rockwork, and 3D technologies to suit the needs of any project.



# SPECIALIZED SCULPTURE

We offer a variety of sculpting services. Building upon designs or reference material, our skilled artists can sculpt physical models of any concept you have in mind. We have extensive experience sculpting diorama models and fleshed-out specimens. Throughout every stage of a project we ensure that every aspect is accurate. We also offer a variety of mediums for sculpture formation. Once completed, the sculpture can be transferred to a mold and reproduced in the material that best suits your project.



**Actinopyga echinites Sculpture**, Shanghai Museum of Natural History  
Shanghai, China



**Cephalopod Sculpture Making**, Sheikh Abdullah Al-Salem Cultural Centre  
Salmiya, Kuwait

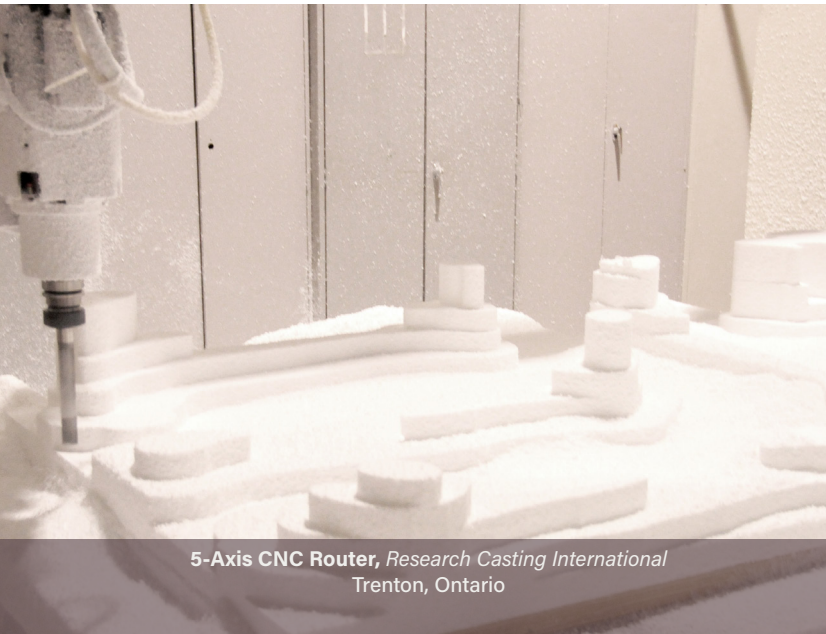


**Fleshed-out Dinosaurs**, San Diego Museum of Natural History  
San Diego, California



# DIGITAL TECHNOLOGIES

We combine traditional sculpting techniques with digital laser scanning and rapid prototype printing. Our team is equipped with Artec scanners, ABS and Zcorp printers, and a 5-Axis CNC router, giving us the flexibility to produce a wide variety of exhibit items for any project.



**5-Axis CNC Router**, *Research Casting International*  
Trenton, Ontario



**Elasmosaurus Carved Sculpture**, *Sheikh Abdullah Al-Salem Cultural Centre*  
Salmiya, Kuwait



**Mosasaurus Carved Sculpture on display**, *Sheikh Abdullah Al-Salem Cultural Centre*  
Salmiya, Kuwait





**China Explorer, Geological Museum of China**  
Beijing, China



**Albertosaurus Maquette, San Diego Museum of Natural History**  
San Diego, California



**Alligator Diorama, Shanghai Museum of Natural History**  
Shanghai, China



**Coral Reef Diorama, Shanghai Museum of Natural History**  
Shanghai, China



**Clear Cast Display of Hand, Smithsonian NMNH**  
Washington, D.C.





**Yupik Interior**, National Museum of the American Indian  
Washington, D.C.



**Wigwam**, Indiana State Museum  
Indianapolis, Indiana



**Mandarin Duck Sculpture**, Miami, Aviary  
Miami, Florida



**Chasmosaurus Sculptures**, Canadian Museum of Nature  
Ottawa, Ontario

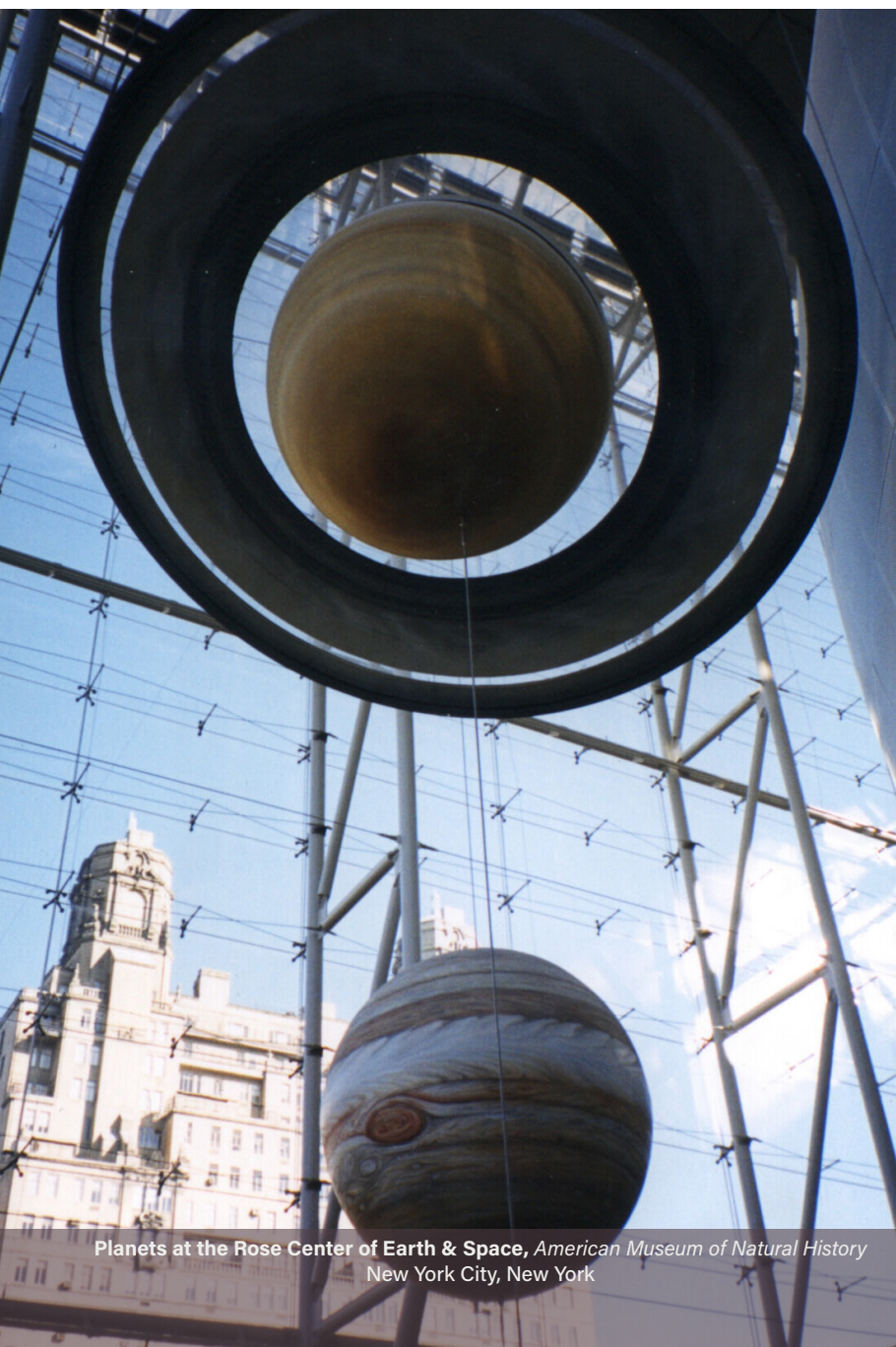


**Ming Tomb**, Royal Ontario Museum  
Toronto, Ontario





**Replica of Prime Minister's Ceiling, St. Francis Xavier University**  
Antigonish, Nova Scotia



**Planets at the Rose Center of Earth & Space, American Museum of Natural History**  
New York City, New York



**Praying Mantis Interactive, Museum at Prairie Fire**  
Overland Park, Kansas





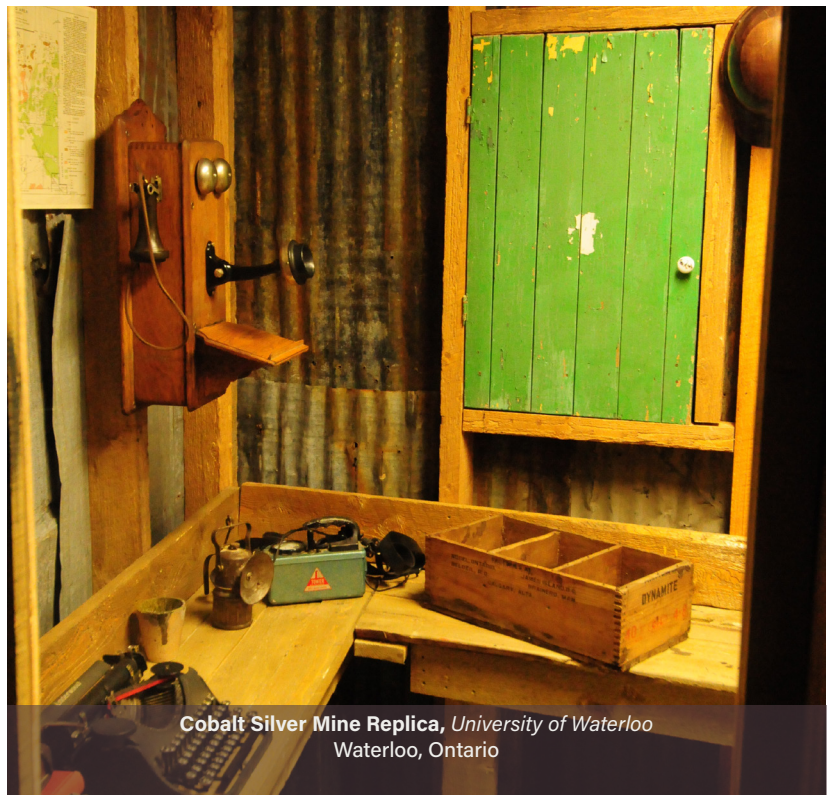
Anaconda Diorama, Shanghai Museum of Natural History  
Shanghai, China



Leopard in Cave, Indiana State Museum  
Indianapolis, Indiana



Ators, Canadian Museum of Nature  
Ottawa, Ontario



Cobalt Silver Mine Replica, University of Waterloo  
Waterloo, Ontario




Indigenous Peoples Experience



Fort Edmonton Park,  
Edmonton, Alberta





**San Andreas Fault Reproduction**, *American Museum of Natural History*  
New York City, New York



## SERVICES

We are pleased to offer a variety of specialized rockwork and cement services. For over 30 years we have partnered with amusement parks, museums, zoos, aquariums, contractors and other institutions to produce exceptional and collaborative installations and exhibits. Our rockwork and cement services include Stamped or Sculpted Rockwork and Geological Molding and Recreations.

**Tyrannosaurs rex Rockwork**, *Disney's Animal Kingdom*  
Orlando, Florida

# CONCRETE, ROCKWORK & GROUNDWORK

Using high performance cement materials with various fiber reinforcements, we are capable of creating a wide assortment of concrete products. These materials can be sprayed, hand sculpted, cast or stamped to form durable and highly accurate items. Cast panels or sculpture and spray techniques may be used to create large and immersive environments.

We have the facility and resources to complete any type of custom work from the initial design phase, in-house fabrication, on-site construction and installation. We work with all types of mediums (including steel, cement, fiberglass, epoxies, paints, urethanes, acrylics, wood and more) to build the most natural looking recreations for the finest, most durable products or environments.



# SCULPTED OR STAMPED ROCKWORK

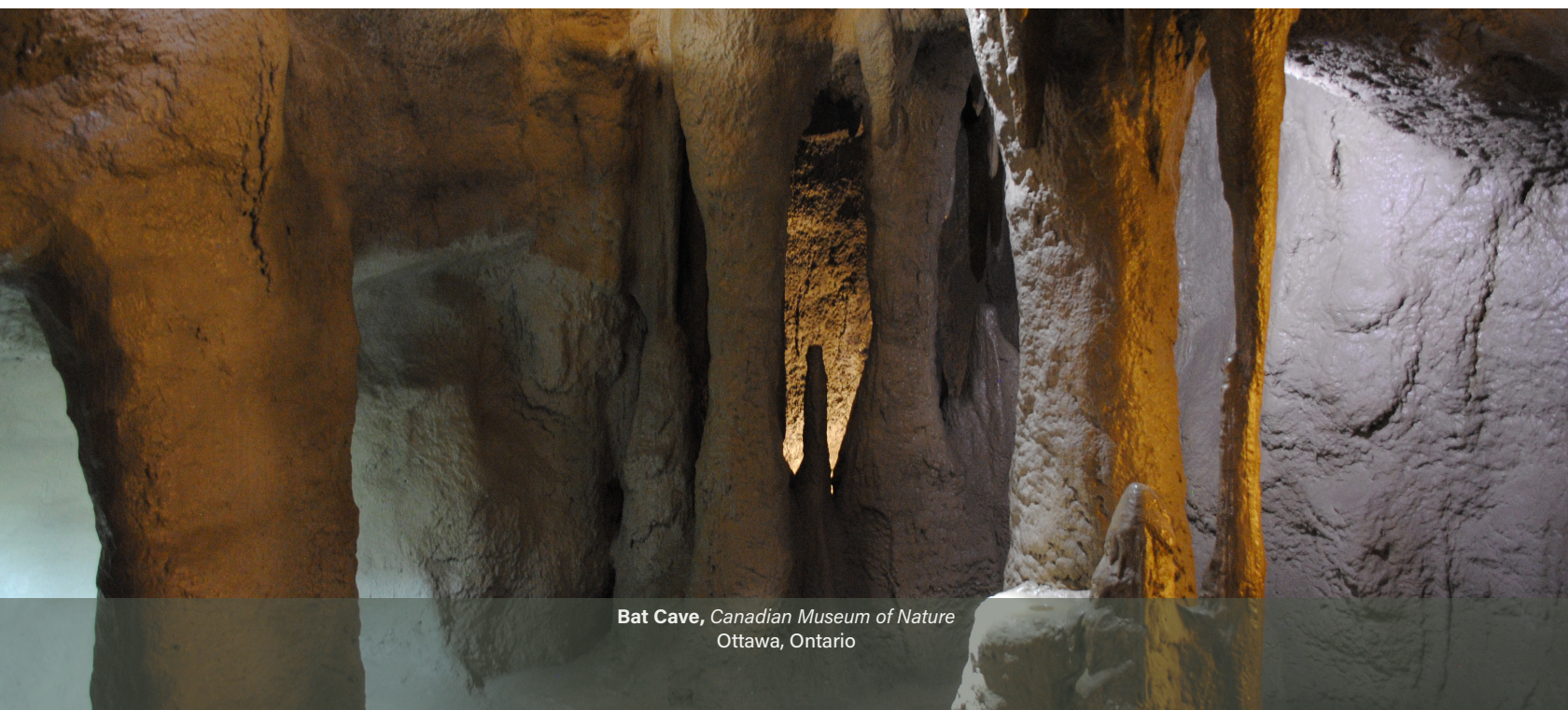
Our Sculpted or Stamped Rockwork involves bending rebar armature over custom shaped steel frames and then applying a layer of mesh and concrete scratch coat. We then apply sculpted or stamped concrete embossed with real rock impressions or textures to create an authentic surface. The piece is then stained and/or painted. We offer varying finishing options, including utilizing different consistencies to create realistic weathered rock surfaces.



**Parasaurolophus Rockwork**, Disney's Animal Kingdom  
Orlando, Florida



**Volcano Rockwork**, Dinosaur Miniature Golf  
Niagara Falls, Ontario



**Bat Cave**, Canadian Museum of Nature  
Ottawa, Ontario



# GEOLOGICAL MOLDING & RECREATIONS

Our team has extensive expertise molding and casting specific geological sites. We can produce panel work or ground peels of any size and complexity. Our team can mold any site of your choice and then cast it in concrete. We have a considerable inventory of molds from different geological sites from around the world, including the K-Pg Boundary, Mistaken Point and the San Andreas Fault.



**Molding Pocahontas Mine, Smithsonian NMNH**  
Pocahontas, Virginia



**Coal Mine Exhibit, Smithsonian NMNH**  
Washington, D.C.



**Molding Cobalt Silver Mine, University of Waterloo**  
Cobalt, Ontario



**Silver Mine Exhibit, University of Waterloo**  
Waterloo, Ontario





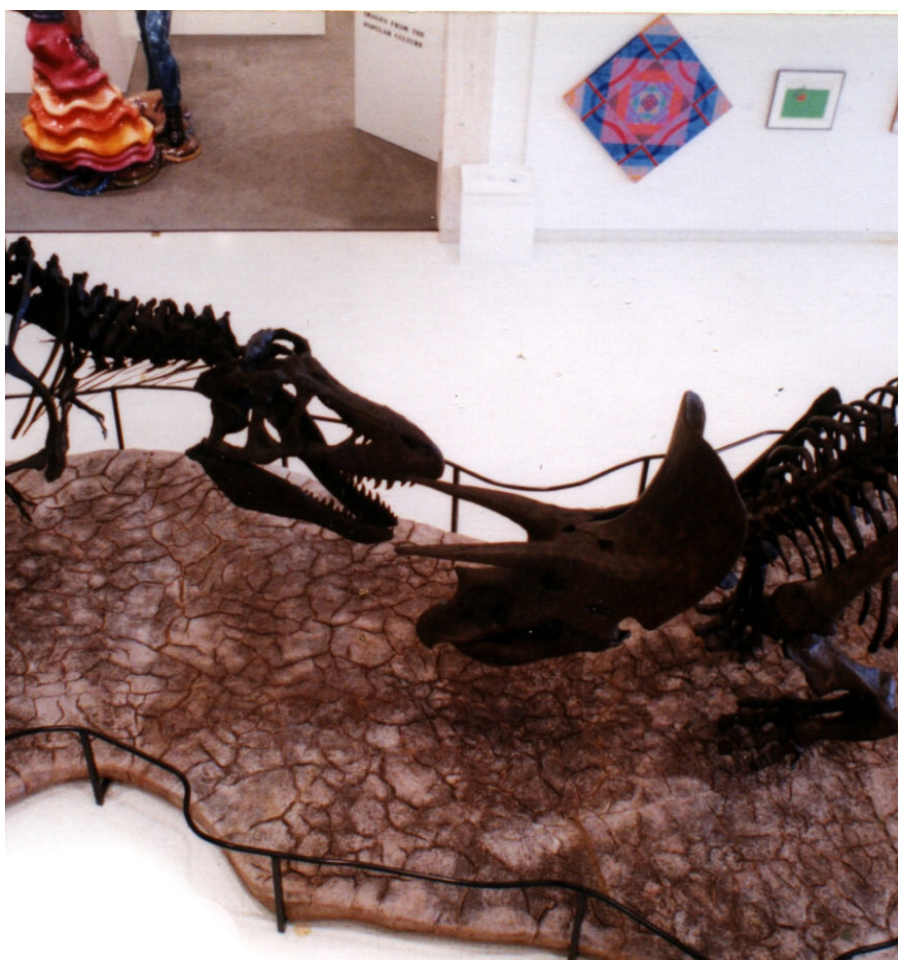
**Cave Rockwork**, *Indiana State Museum*  
Indianapolis, Indiana



**Turtle Rock**, *Research Casting International*  
Trenton, Ontario

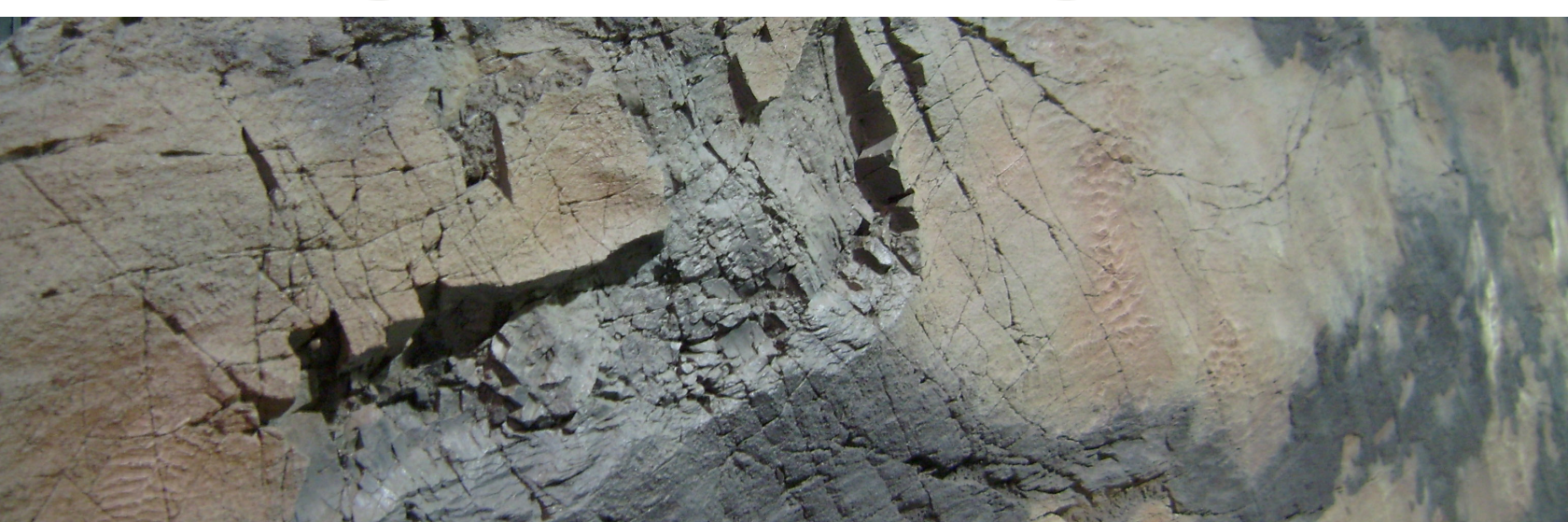


**Volcano Rockwork**, *Dinosaur Miniature Golf*  
Niagara Falls, Ontario



**Ground Peel**, *Texas Tech University*  
Lubbock, Texas





**Molding and Casting Mistaken Point**  
Mistaken Point Ecological Reserve, Newfoundland





**King's Canyon Molding**, American Museum of Natural History  
King's Canyon, California



**Lava Fields**, American Museum of Natural History  
Hawaii Volcanoes National Park, Hawaii



**King's Canyon Cast**, American Museum of Natural History  
New York City, New York

## CUSTOM FABRICATION

Through our rockwork and concrete techniques we can create any natural landscape of our choice. We can combine Sculpted or Stamped Rockwork with Geological Molding and Recreations to create unique, one-of-a-kind installations for your project. Research Casting International offers many other services that can be implemented into any rockwork project, including specialized sculpting, bronze and aluminum work, theming, consulting, project management and more.



# OUR CLIENTS

## NORTH AMERICA

**American Museum of Natural History**, New York, New York  
**Arkansas State University Museum**, Jonesboro, Arkansas  
**Burke Museum - University of Washington**,  
Seattle, Washington  
**Canadian Museum of Nature**, Ottawa, Ontario  
**Carnegie Museum of Natural History**, Pittsburgh,  
Pennsylvania  
**Chicago Children's Museum**, Chicago, Illinois  
**Cranbrooke Institute of Science**, Michigan  
**Corning Museum of Glass**, Corning, New York  
**Dallas Museum of Natural History**, Dallas, Texas  
**Field Museum**, Chicago, Illinois  
**Fundy Geological Museum**, Parsboro, Nova Scotia  
**Houston Museum of Natural Science**, Houston, Texas  
**Indiana State Museum**, Indianapolis, Indiana  
**La Habra Children's Museum**, La Habra, California  
**London Children's Museum**, London, Ontario  
**Metropolitan Transit Authority**, New York, New York  
**Michigan State University**, East Lansing, Michigan  
**Museum of the Rockies**, Bozeman, Montana  
**Museum of Science and Industry**, Tampa, Florida  
**Museum of Texas Tech University**, Lubbock, Texas  
**National Zoological Park**, Washington D.C.  
**Natural History Museum of Los Angeles County**, Los Angeles, California  
**New Brunswick Museum**, Saint John, New Brunswick  
**North Carolina Museum of Sciences**, Raleigh, North Carolina  
**Oklahoma Museum of Natural History**, Norman, Oklahoma  
**Owensboro Area Museum of Science and History**,  
Owensboro, Kentucky  
**Redpath Museum, McGill University**, Montreal, Quebec  
**Ripley's Believe It or Not**, Mexico City, Mexico  
**Royal Ontario Museum**, Toronto, Ontario  
**Royal Tyrrell Museum of Paleontology**, Drumheller, Alberta  
**Universal Studios**, Hollywood, California  
**University of Chicago**, Chicago, Illinois  
**University of Michigan Exhibit Museum**, Ann Arbor,  
Michigan  
**University of Waterloo**, Waterloo, Ontario  
**Walt Disney Imagineering**, Glendale, California  
**Yukon Beringia Centre**, Whitehorse, Yukon

## OCEANIA

**Auckland Museum**, Auckland, New Zealand  
**Australian Museum**, Sydney, Australia  
**National Dinosaur Museum**, Kambera, Australia  
**New Zealand Museum**, Wellington, New Zealand

## ASIA

**Geological Museum of China**, Beijing, China  
**Gifu Prefectural Museum**, Gifu, Japan  
**Goseong Dinosaur Museum**, South Korea  
**Gunma Museum of Natural History**, Maebashi City, Japan  
**Haenam Uhangri Dinosaur Museum**, Haenamgun, South Korea  
**Himeji City Museum**, Himeji City, Japan  
**Ibaragi Education Association**, Ibaragi, Japan  
**Iwaki City Coal and Fossil Museum**, Iwaki City, Japan  
**Mokpo Natural History Museum**, Mokpo, South Korea  
**National Science Museum**, Tokyo, Japan  
**Natural History Museum**, Shimane Prefecture, Shimane,  
**Japan Natural History Museum**, Tokai University, Tokai,  
**Japan Science Museum**, Kenazawa, Japan  
**Soedaenum Museum of Natural History**, Seoul, South Korea  
**Toyohashi Museum**, Toyohashi City, Japan

## EUROPE

**British Museum of Natural History**, London, England  
**Forschung Institut und Naturmuseum**, Senckenberg,  
Frankfurt, Germany  
**Liverpool Museum**, Liverpool, England  
**Museum für Naturkunde**, Berlin, Germany  
**Humboldt-Universität**, Berlin, Germany  
**Museum National d'Histoire Naturelle**, Paris, France  
**Insitut Royal des Sciences**, Bruxelles, Belgium  
**PaleoMuseum**, Oslo, Norway  
**Übersee Museon**, Bremen, Germany  
**Westfälisches Museum für Naturkunde**, Münster, Germany

## AFRICA & THE MIDDLE EAST

**Culture and Museum Centre**, Karonga, Malawi  
**King Abdulaziz Historical Centre**, Riyadh, Saudi Arabia

If you are planning a new project or exhibit, we encourage you to contact us and discover the possibilities.

The combination of our advanced technology, artistry, and skilled craftsmanship creates new and unique options that did not exist before, RCI makes things that were previously impossible to achieve, possible.

We look forward to speaking to you about your next project.



# K-PG BOUNDARY

K-Pg Boundary Cast, *Canadian Museum of Nature,*  
Ottawa, Ontario



## VELOCIRAPTOR MONGOLIENSIS

*Sheikh Abdullah Al-Salem Cultural Centre,*  
Salmiya, Kuwait



A Division of



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