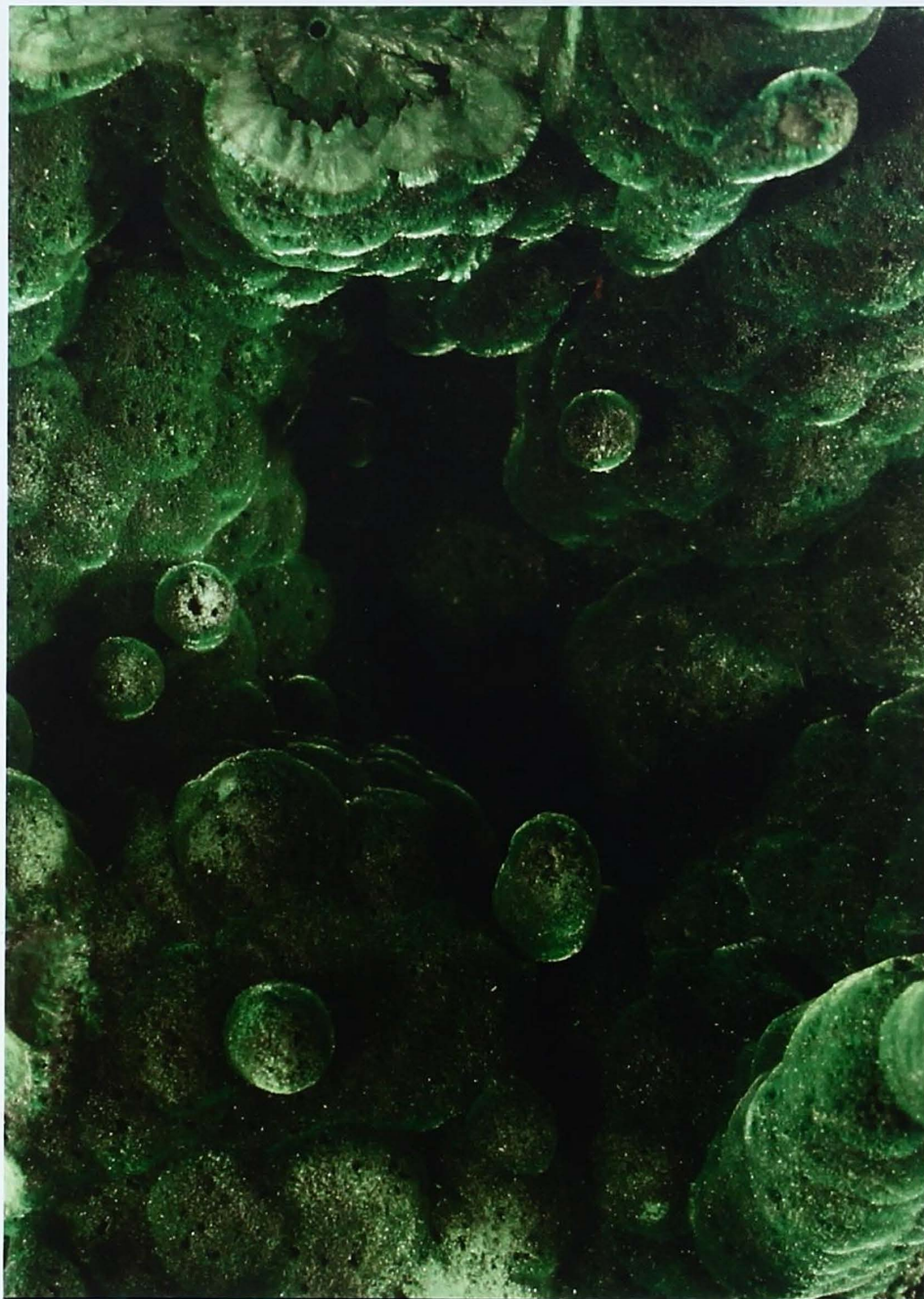


EMS MUSEUM & ART GALLERY ANNUAL REPORT

FOR THE ACADEMIC YEAR 2006-2007



MISSION STATEMENT

The mission of the Earth and Mineral Sciences Museum & Art Gallery is to preserve the collections of the College of Earth and Mineral Sciences, to enhance the quality of life for the students and staff of Pennsylvania State University and the community in central Pennsylvania by serving as a resource for informal science education, to foster a sense of curiosity about the natural and cultural world around us, and to instill responsibility in all people to make our world a better place.

INTERIM DEAN

Rob Crane

MUSEUM ADVISORY BOARD

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Howard "Chip" Steidle, Jr.

Jennifer Theiss

Bill Welch

FROM THE DESK OF THE DIRECTOR

Dear Friends of the EMS Museum & Art Gallery,

It is with great pleasure that I present the EMS Museum & Art Gallery's second Annual Report. Both Juli and I are happy to tell you about the many exciting activities at the museum over the last year. Perhaps our biggest piece of news for this year is that the museum has finally obtained excellent space for the development of an Education, Research and Collections Center. Although we still have a hill to climb with necessary renovations, we now have dedicated space which will allow us to move all of the EMS Museum & Art Gallery collections into one facility and care for them in a proper way. As the title of the facility implies, we also hope to use the space for educational programs that involve collections and to facilitate collections based research by faculty, students, and other visitors.

This last academic year also saw the installation of several new exhibits. The *Rock and Roll* exhibit on seismology provides real-time seismic data from Pennsylvania and selected seismic stations around the world. In addition, a large-scale global map that is updated every fifteen minutes shows the location and magnitude of earthquakes as they occur. Other exhibits included *Pioneers in Meteorology*, a front-projection GeoWall with menu selection and caption enhanced images, and a new art show on *Men at Work*, depicting jobs in the mineral industries during the first half of the 20th century. Working in collaboration with Dr. Paul Markowski (Meteorology), the EMS Museum & Art Gallery received its first funds from the National Science Foundation to develop an interactive exhibit on tornados. This exhibit will be completed next fall.

The EMS Museum & Art Gallery has worked hard in programming this year. Our programs ranged from traveling exhibits at local events like 4th Fest and Kids' Day to collaborations with the Nittany Mineralogical Society to class room presentations at local grade schools. The EMS Museum & Art Gallery was also proud to be part of the first outreach activities at the Graduate Exhibition. In the next year, we will continue with many of the same venues but we will also work on adding new ones.

Our programming is also expanding to the museum professional community. Julianne Snider participated in a panel discussion on exhibits at a professional meeting in Bethlehem, PA. The EMS Museum & Art Gallery will also be hosting a workshop for museum professionals on using specifically designed software for collection management. Finally, if we are successful with a grant from the Institute of Museum and Library Sciences (IMLS), the museum and the Dutton e-Institute will produce on-line tutorials for the care, storage, and exhibition of mineral collections. These programs bring state-wide, national and even international recognition to the EMS Museum & Art Gallery.

The EMS Museum & Art Gallery also continues to build its Friends Group. Although development of this group has been slow, we are dedicated to increasing and diversifying this base of support. Friends not only provide financial support through their membership fees but they also demonstrate a commitment by our audience to all the efforts of the EMS Museum & Art Gallery. In the next year, we plan to have several activities specifically designed for the Friends Group. We ask that you continue your friendship with us and encourage others to join us as well. For more information on renewing or becoming a Friend of the EMS Museum & Art Gallery please contact Russ Graham (rgraham@ems.psu.edu).

We look forward to an even better year in 2007-2008.

Sincerely,
Russell W. Graham
EMS Museum & Art Gallery Director

COLLECTIONS

FACILITIES

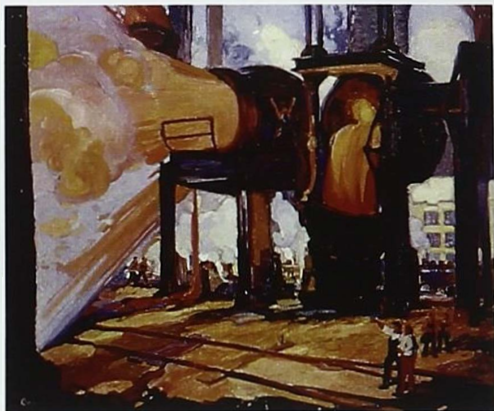
This year has been an interesting one for the EMS Museum & Art Gallery collections. When Russ first arrived at EMS in 2004, he had the collections packed for an "imminent" move to a new collection facility. Unfortunately, acquisition of a building earmarked for this facility was repeatedly delayed and it was not until January 2007 that an appropriate building was turned over to EMS.

The collections have remained packed since 2004 which has made it difficult to do any type of exhibit or loan with the Museum's natural history collections. The art collection has always been somewhat more accessible and available for display and loan. Now that we have a building, and have identified space in that building, the EMS Museum & Art Gallery can plan renovations to create a new Education, Research and Collections Center.

The long-needed space acquired for EMS Museum & Art Gallery collections is the university's Special Services Building (SSB). The SSB had been used for storage of audio-visual collections so in many ways it was pre-adapted for our needs. However, this space will require significant renovations to bring security and environmental controls up to standards adequate for housing the museum's varied and valuable collections of natural history specimens, historic mining artifacts, and artwork. The museum hopes to move the collections from campus to the SSB by the end of this calendar year.

In addition to collections space, there is office and work space for both the Museum Director and Assistant Director at the facility. Other space will be available for work by students or others wishing to use the collections. We will have sufficient space for storage of materials needed for the care of the current collections but growth and expansion of the collections will be the installation of compactors. Because of its multipurpose nature, this newly acquired space will be known as the EMS Museum & Art Gallery Education, Research and Collections Center.

STEIDLE ART COLLECTION CATALOGUE



Blowing Steel, oil on canvas, George Pearse Ennis, EMS Museum & Art Gallery collection

The Steidle Art Collection is unique. It focuses on the mineral industries in America with an emphasis on Pennsylvania during 1930s and 1940s. The collection was amassed by Dr. Edward Steidle, Sr. during his tenure as Dean of the EMS College from 1929-1953. Several pieces in the collections were created as part of the Works Projects Authority (WPA). Many of the artists represented have gained reputations as some of America's finest and most sought after artists. The collection is one of the most comprehensive collections of this type of art depicting the mineral industries in America. Today, this art offers a unique historical perspective on industries and technologies that are essentially "extinct" in the United States. Dr. Eric Schruers completed his doctoral dissertation on the collection and identified it as a unique venue of "Industrial Art."

A substantial monetary gift from the Steidle family will allow EMS to publish a catalogue of this collection with color reproductions of most of the art work. The initial concept for the catalogue has been expanded to include an introduction to the general topic of "Industrial Art" by Dr. Elizabeth (Betsy) Fahlman from Arizona State University, and an introduction to the Steidle Art Collection, specifically, by Dr. Schruers. Dr. Deryck Holdsworth (PSU Geography) will write an historical perspective on the development of the repre-

sented industries in Pennsylvania. Drs. Fahlman and Schruers are coauthoring the annotated catalogue. Ms. Julianne Snider is preparing a list of the EMS Museum & Art Gallery catalogue for the publication and Dr. Graham will write a forward.

Work on the volume should be completed in September 2007 with final publication in the spring or early summer of 2008. The volume will facilitate a much more global recognition of this unique collection and may also serve as the impetus for a traveling exhibit on "GEMS of the Steidle Collection."

ACQUISITIONS

The EMS Museum & Art Gallery purchased ten specimens through the public auction of the Levi Smith Collection. These specimens include some spectacular malachite and azurite as well as a valuable rhodochrosite specimen and numerous large smoky quartz crystals.

The EMS Museum & Art Gallery also received several nice donations this year including a mineral collection from William Devitt, an EMS alum and resident of York, PA. The museum will use this collection in the preparation of an exhibit focusing on the career of a mining engineer, specifically Mr. Devitt. The collection will also augment educational activities within the museum.

Also, a large copper plate inscribed with the coast of Greenland was used in printing the National Oceanographic Atlas. This piece is of historical importance and can be used with future exhibits on Greenland and the impacts of global warming.

LEVI SMITH COLLECTION

The Levi Smith collection, which had been on long-term loan to the museum since 1936 was sold at public auction by its owner, the Warren County School District. This collection has a long history. It was initially amassed by the Colorado state geologist in the late 19th century. The collection was sold to Levi Smith, an oilman from Pennsylvania. Smith exhibited the collection at the Colombian Exhibition, Chicago World Fair in 1898, where it won a blue ribbon. After the fair, Smith brought the collection back to Pennsylvania and donated it to the Warren County School District (WCSD). The Levi Smith Collection was displayed on the top floor of the Warren PA High School for about 36 years. At that time, the minerals had not been catalogued, identified, labeled or cleaned.

The school district, not having anyone on staff with mineral expertise, eventually contacted Edward Steidle, Sr., Dean of the College of Earth and Mineral Sciences at Pennsylvania State College (Pennsylvania State University) and requested assistance.

Steidle negotiated an agreement with the WCSD and brought the collection to PSU where he and staff cleaned, identified and catalogued the specimens for the school district. As part of the agreement Steidle prepared a new exhibit for the WCSD and installed it in Warren County. Unfortunately, WCSD does not know what happened to that exhibit or the specimens from it. The terms of agreement also stated that PSU would maintain the rest of the collection as a loan placed on exhibit in the college museum. The specimens on exhibit were to be clearly identified as belonging to the WCSD. The loan was initially for ten years. Throughout the nearly 70 years the collection remained on loan at Penn State, the specimens were repeatedly moved and used in



Rhodochrosite on Matrix from the Levi Smith collection purchased by the EMS Museum & Art Gallery in 2007

various ways. The labels identifying the material as belonging to WCSD were eventually lost and it was not clear to the public or EMS personnel unfamiliar with the loan and its history that many of the most spectacular mineral specimens on display in the Steidle gallery were actually property of the WCSD. However, the WCSD was aware that the collection was at PSU and that it was WCSD property. Annually, WCSD lawyers requested random inventories and accounting of the Levi Smith collection.

In 2004, as part of the renovation and relocation of the museum exhibit galleries to Deike, all of the objects in cases in the hallways of the Steidle Building and all of the specimens on exhibit in the Steidle gallery were to be packed and placed in temporary storage prior to the anticipated relocation to a new collection facility. Many of these specimens had to be moved and stored in two rooms in the basement of Deike as well as the old exhibit gallery in Steidle. It rapidly became clear that the EMS Museum & Art Gallery would not have enough room to store all of its specimens. Former director, Dr. Andy Sicree pointed out that the sizable Levi Smith collection was actually a loan and not part of the EMS Museum & Art Gallery's collections inventory. Consequently, the Levi Smith collection was packed and returned to the WCSD. Without consulting the college or the EMS Museum & Art Gallery director, Dr. Sicree gave the school district a written document outlining several possible scenarios for the future of the collection, including selling it.

Based on Dr. Sicree's recommendations plus not having adequate storage space or practical use for the collection, the WCSD chose to dispose of it by sale. EMS became aware of their decision when the sale was advertised by Butterfield and Bonham auction house in Los Angeles, CA. Dr. Peter Heaney, Professor of Geosciences at PSU, contacted Dr. Russell Graham, director of the EMS Museum & Art Gallery, alerted him to the historical significance of the collection and inquired as to why the collection had been returned to the school district and if it could be retrieved from them.

It is unfortunate that the stipulations of the original loan agreement made by Edward Steidle and the school district were not maintained. Unfortunately, record keeping has been inconsistent over the course of the museum's long history. The collection should have been properly labeled as to its ownership and status as a collection on loan in the exhibit cases and on the specimens. In the terms of the original agreement the entire collection was to be kept on exhibit. Over the decades, several specimens were taken off exhibit and placed in storage. The museum did not own the collection but was assuming a great deal of financial liability in the event of damage to, or theft of, the collection while it was on loan to EMS. Dean Steidle had recognized this in the initial arrangement and had the Levi Smith collection insured. The coverage had been allowed to lapse several decades ago.



Polished malachite from the Levi Smith collection purchased by the EMS Museum & Art Gallery in 2007

Scientifically, the Levi Smith collection was of limited value but it definitely was historically and aesthetically important to EMS, WCSD and the commonwealth of Pennsylvania. It is unfortunate the collection is no longer intact nor is it available for public viewing. According to the contract between the school district and the auction house, the collection was to be sold as separate lots of specimens and not as a collection. The EMS Museum & Art Gallery could not purchase the entire collection but was fortunate enough to be able to bid on and subsequently buy specimens representing a cross section of the collection. These specimens have now been formally accessioned into the collection and are clearly property of the museum. They will be placed on display when cases with appropriate aesthetics and security are acquired by the museum.

There are several important lessons to be learned from this event by museums, in general, and the EMS Museum & Art Gallery, in particular. First and foremost, documentation of collections must be current and easily accessible to museum administrators and staff. Also, collections must be clearly labeled with regards to ownership. Even though this was not the case for the EMS Museum & Art Gallery and the Levi Smith collection and even though Graham had relied on the former director to advise him on the history of the collection, poor communication did not raise the red flag that should have appeared in the initial decision to return it. Also, it would have been advisable for the EMS College administration to have reviewed the general aspects of the collections with Dr. Graham before he took charge of them. Again, the assumption that the former director would advise Graham on these matters was not enough. Finally, museums should have a written document that outlines the history of all of its major collections, especially those of scientific, historical and/or monetary significance, and this history must be kept current.



Malachite and azurite on matrix from the Levi Smith collection purchased by the EMS Museum & Art Gallery in 2007

The truly unfortunate outcome of this series of events is the potential for the public and other institutions to misunderstand the true history of the Levi Smith collection and its relationship to the EMS Museum & Art Gallery. The Butterfield and Bonham advertisement indicated that the collection had been de-accessioned. Although they did not specifically identify the institution that de-accessioned it, the implication was the EMS Museum & Art Gallery. In reality, the EMS Museum & Art Gallery did not and could not de-accession the collection because the collection never belonged to, and thus had never been accessioned by, the museum. The museum returned a loan to its rightful owner. The owner then chose to relinquish ownership and dispose of the collection.

THOMAS HART BENTON PAINTING

A valuable painting attributed to Thomas Hart Benton, one of the museum's more recent additions to the art collection, had to be de-accessioned by the EMS Museum & Art Gallery and transferred to the Palmer Art Museum. The incomplete painting, titled *The Farmer Up and Down, and Coal, Gas, Oil, Brick*, was a study for murals painted by Benton in 1933 for the State of Indiana Pavilion at the Century of Progress International Exhibition in Chicago. After the exhibition, the complete mural was moved to Indiana University–Bloomington (Indiana) where it remains on permanent display in the IU Auditorium building. In 2001, the study was donated to the EMS Museum & Art Gallery by Helen Lee Henderson through her HRH Foundation. The painting was formally accessioned into the collections shortly afterward and put on display first in the Steidle Building and later in the galleries in Deike.

Sometime after giving the painting to the EMS Museum & Art Gallery, the donor expressed to PSU Development that she wished to have the painting transferred to the Palmer Museum. In generally accepted best-practices for museums, once a gift to a museum has been accepted and the museum has taken legal ownership of the object, the original donor, or their family, or their estate relinquishes all rights to make changes to the terms of the donation. The Deed of Gift signed in 2001 did not specifically name EMS as the beneficiary although development records of the donation do. Unfortunately, because the Deed of Gift named PSU but not the EMS Museum & Art Gallery as the recipient, university administrators determined possession and accession of the painting could be changed in compliance with the donor's demands. To prevent a recurrence of this type of incident, the current Deed of Gift used by the EMS Museum & Art Gallery and sanctioned by the university's legal council clearly states gifts made to the museum become property of the museum.

EXHIBITS

EARTHQUAKES AND SEISMOLOGY

Five new exhibits were installed in the galleries of the EMS Museum & Art Gallery this year. The most ambitious one was the earthquake and seismology exhibit, *Rock and Roll*. This is an interactive exhibit that allows visitors to view real-time seismic records from two seismic stations in Pennsylvania as well as several others throughout the world. In fact, one of the seismometers is located in the basement of the Deike Building. A touch-screen computer interactively illustrates different aspects about earthquakes. There is also a monitor connected to a pressure gauge that lets visitors "create their own earthquake." A large-scale projection of a global map that is updated every 15 minutes shows the locations and magnitudes of earthquakes as they happen.

Even though there are graphics attesting to the destruction caused by these natural hazards, the focus of the exhibit is on the positive aspects that earthquakes help us understand the deep structure of our planet. In fact, without earthquakes our knowledge of deep earth would be severely limited.

FRONT PROJECTION AND ENHANCED GEOWALL

Chuck Anderson with the Center for Environmental Kinetic Analysis (CEKA) installed a new front projection GeoWall in the museum. This projection not only saves space but it creates a new environment in the museum. In addition, Chuck has programmed the GeoWall so that images can be labeled with text. This feature not only enhances the understanding of images but it also allows for the development of menus for various programs from which the visitors can select. Both of these enhancements make the GeoWall a much more user-friendly exhibit. To our knowledge this is the only GeoWall with these features. The GeoWall continues to be a popular destination for visitors as well as formal classes. Much of the content for the GeoWall comes from research carried out in the college.

PIONEERS IN METEOROLOGY

This exhibit focuses on the early history of meteorology at PSU. It contains some of the earliest instruments designed and constructed by PSU faculty as well as some of the more sophisticated instruments mounted on airplanes in the 1970s and 1980s. Contributions to meteorology by some of the faculty, staff, and students in this field at PSU are honored as well, especially those of Dennis Newton, a PSU meteorologist and test pilot and now distinguished alumnus.

GLOBAL CHANGE

This topic is HOT (no pun intended). PSU is a leader in this area of research and it is of concern to almost everyone from politicians, planners, modelers, students to the general public. A small kiosk presents information on past global change and the melting of continental ice sheets. It illustrates the changes in glaciers over the last few hundred years as well as the past few decades. The potential effects of sea level rise on coastal human populations as the result of future melting of the Antarctic and Greenland ice sheets is another aspect covered by this exhibit. The EMS Museum & Art Gallery is planning to do a much larger, interactive, and perhaps traveling, exhibit on this topic in the next couple of years.

Four more changing exhibit kiosks are being constructed. These, plus the one currently being used for the global change exhibit, will be used to highlight current research from each of the departments within EMS.



Exhibits in the Science Gallery of the EMS Museum & Art Gallery, 2007

FLORIDA PREHISTORY: AN INTERDISCIPLINARY COURSE

As part of the curriculum in EMS and the Department of Anthropology, faculty have offered a course on the prehistory of Florida during the last two spring semesters. This course is team-taught by geologists, paleontologists and anthropologists. It uses Florida as a case study on how to conduct interdisciplinary research. The students taking the course are primarily drawn from undergraduates, especially freshmen and sophomores in Geosciences and Anthropology, but it also involves students from biology. Non-science majors are also encouraged to take the class. Most of the students are certified SCUBA divers or work on becoming certified divers during the class. At the end of the semester, the entire class and all staff go to Florida for one week to dive in rivers and springs to collect vertebrate fossils. This field activity draws on their classroom experiences but it also helps students develop field techniques and refine their diving skills.

The exhibit was initially developed as a traveling exhibit for outreach at the 2007 Graduate Exhibition held in the HUB. It was quite popular so the exhibit has been revamped and reinstalled in the EMS Science Gallery. The exhibit describes the class and its purpose. Fossils collected by the students are also on exhibit. The museum is currently expanding the exhibit to include information on geology and anthropology.

MEN AT WORK

A new art exhibit was installed in the EMS Art & Mineral Gallery during the summer of 2006. All the pieces selected for this show are pulled from the Steidle Collection. Artwork depicting men working at various jobs in the mineral industries were selected for this exhibit. Most of the artwork was created in the 1930s and 1940s and although women, children, and people of color did work in these industries, the paintings only show men, hence the exhibit title, *Men at Work*. Featured in the exhibit *Miners in a Lift*, by Henry Varnum Poor, is one of the well known pieces and artists represented in the Steidle Art Collection. The painting was created as a study for the mural that is now in Old Main. In addition to the artwork, the exhibit includes mining artifacts and a small representation of the extensive EMS mining lamp collection. This exhibit has been used by several different classes at PSU.

EMS STUDENT PHOTO CONTEST WINNERS

The *Second Annual EMS Museum & Art Gallery Student Photo Contest* was held for undergraduate and graduate students. The photo contest has become a popular event with nearly 50 photos submitted by students. The theme of this photo contest is "My Summer Vacation." Students are asked to submit photos that relate to their summer activities but must also be part of their PSU experience. Each submission is accompanied by a one page essay that describes the photo and documents how it is related to the student's academic endeavors. Many of these essays are also very creative. A judging committee, composed of students, selects the top five photos in the two student categories. Prizes are awarded for the first three places in each category and the top five photos from each category are framed, mounted and exhibited in the EMS Museum & Art Gallery.

The Call for Entries has gone out for the *Third Annual Contest* which will be juried in fall 2007. We are looking forward to seeing the photos and essays that will be submitted. Winning photos become part of the EMS Museum & Art Gallery permanent collection. In the future, the EMS Museum & Art Gallery will be able to present a show of the winners through time!!

Winners of Second Annual Contest were:

Laura Clemente, *Meteorology, Undergraduate*
Patrick Fulton, *Geosciences, Graduate*
Jessica Hayes-Conroy, *Geography, Graduate*
Alexis Philips, *Meteorology, Undergraduate*
Erin Pierce, *Geography, Undergraduate*
Christine Regalla, *Geosciences, Graduate*
Christine Schultz, *Meteorology, Undergraduate*
Thomas Sigler, *Geography, Graduate*
Stephanie Taylor, *Meteorology, Undergraduate*
Dirk Van Essendelft, *Energy and Geo-Environmental Engineering, Graduate*



Prehistory of Florida exhibit at the Graduate Exhibition

PROGRAMS

The EMS Museum & Art Gallery had a variety of programs for diverse audiences this year but most of the programming was for school children or university students. Our largest program was an exhibit of rocks and minerals at the Central PA 4th Fest. More than 450 people, mainly families with children, came by our table to look at specimens and to hear about the "Acid Rock" problem at Sky Top. This year was our second time to participate in this event and we plan to be involved again this year.

The EMS Museum & Art Gallery also participated in the State College Kids' Day celebrations. At this event the museum had a table of fossils that kids could look at and touch. Russ talked to children and their parents about fossils and the depth of geologic time. More than 200 children came to the EMS Museum & Art Gallery exhibit.

The GeoWall has been an extremely popular outreach venue for museum visitors and university students. More EMS classes appear to be taking advantage of this unique educational opportunity. As mentioned previously, Chuck Anderson has enhanced the outreach value of the GeoWall by adding a menu that allows museum visitors to select from a wide variety of individual programs. Chuck has also enhanced the outreach value of each program by adding text to the images which explains what the visitors are looking at. As best we know, the EMS Museum & Art Gallery GeoWall is the only one in the United States that has these added features. Chuck is now planning to add audio enhancements which will help with the explanation of more complex topics.

This past winter the EMS Museum & Art Gallery held an open house for its new exhibits. There were programs given by EMS staff on a variety of topics. Mino Kosarian, a recent PhD graduate of Geosciences, talked about her research on earthquakes and discussed features of the new seismology exhibit—*Rock and Roll*. Dennis Thomson highlighted the contributions of EMS to the science of meteorology that are featured in *Pioneers in Meteorology*. The new front projection GeoWall was demonstrated by Chuck Anderson. Julianne Snider discussed the significance of the new exhibit, *Men at Work*, in the EMS Art & Mineral Gallery. Tim Robinson talked about new developments for science on a sphere.

The Museum continues to build on its relationship with the Nittany Mineralogical Society (NMS) by contributing to joint programs. The EMS Museum & Art Gallery had a table of fossils and discussed "what is a fossil" for the NMS Junior Education Day. This event was extremely popular with a record attendance of more than 300 people. During the NMS Mineral Show the museum had an exhibit on meteorites and Russ made a presentation on feathered dinosaurs. An exhibit and program on *The Prehistory of Florida: An Interdisciplinary Course* was presented at the Graduate Exhibition this spring. Again, the primary audience was families with children. The exhibit featured fossil vertebrates collected by PSU students who participated in the class during the spring of 2006. Russ, Juli and Alex Bryk, an undergraduate student in the class, talked to visitors about the program.

Russ has given numerous presentations on rocks, minerals and fossils at several local grade schools. Russ and Juli have also been involved in providing tours of the Museum for a host of people and organizations. Future plans call for training students as docents who can give tours of the Museum for classes and other visitors.

Juli was an invited panel speaker at the Pennsylvania Federation of Museum and Historical Organizations 2007 Statewide Museum Conference that was held in Bethlehem, PA. She and two other panelists, Angela Breedon, Centre County Historical Society, and Alison Eichelberger, North Museum of Natural History and Science presented *Dazzling Displays, Varied Venues: Creating Exciting Exhibits in Any Setting*. The one and half hour session was the most well attended of the conference.

ACHIEVEMENTS

EXHIBITS

4/15	Undergraduate Student Research Case
4/30	Carnegie Institute Traveling Exhibit
5/11	<i>From Fire in the Sky</i> , meteorites from the EMS collections
5/15	<i>Men at Work</i> , artwork and historic artifacts from the EMS collections
9/15	<i>Rock and Roll</i> , earthquake and seismology exhibit
9/30	Front projection GeoWall installed
10/25	Dennis Newton <i>Pioneers in Meteorology</i> Exhibit
11/5	EMSM Second Annual Photo Contest Winners
3/30	<i>Prehistory of Florida</i>

TOURS

4/1	Junior Education Day	250
4/18	State College Home Schoolers	23
4/19	PSU Career Services	10
4/19	PSU Budget Office	15
4/20	GeoWall Demo	32
4/26	Mr. Robert Kumpf (Bayer Corporation)	2
4/27	Daughters/Sons at work	18
4/27	Park Forest Middle School	75
5/4	Dickey Elementary School	32
5/16	Junior Academy of Sciences Group	22
5/16	Junior Academy of Sciences Group, Carlisle	15
6/6	Lock Haven Fourth Grade Classes	56
6/7	Howard Grade school	19
6/13	Magic Years Day Care	17
7/11	PSU Student Recruiters	10
7/12	Children's Aid	13
9/12	Nigerian Mineral Industries	23
9/18	Intro Mining Class	26
9/19	Art History Freshman Seminar	16
9/28	St. Mary's College Administrators	13
10/3	PSU Geoscience Club	27
10/8	Parent/Student Weekend	34
10/10	Boy Scout tour	22
11/26	Thompson family	8
12/9	Upward Bound	60
12/14	Museum Opening	75
1/29	Staff from Graduate School	8
1/30	Intro Mining Class	28
1/30	Intro Paleo Class	25
2/24	EMEX	285
3/26	Whittaker Museum Administration	4
4/17	IFamily	4
4/25	Take your daughter/son to work group 1	15
4/25	Take your daughter/son to work group 2	17
4/25	Take your daughter/son to work group 3	21
4/25	Take your daughter/son to work group 4	22



History of EMS Museum & Art Gallery, Deike Building, 2007

TRAVELING EXHIBITS

8/26 *From Fire in the Sky*: Nittany Mineralogical Society Mineral Show

3/25 *Florida Prehistory*: Graduate Exhibition

PROFESSIONAL TRAINING & PROFESSIONAL MEETINGS

Julianne Snider

Small Museum Association Annual Conference Workshops

Museum Exhibit Lighting Course, Getty Conservation Institute

Society for the Preservation of Natural History Collections Annual Meeting

Natural Science Collections Alliance Annual Meeting

Russell Graham

Geological Society of America Annual Meeting

Society of Vertebrate Paleontology Annual Meeting

NSF Sponsored Geoinformatics Workshop

NRC/NAS National Committee for INQUA (International Quaternary Association)

PROFESSIONAL PRESENTATIONS

Graham, R. W. 2006. niche partitioning in late Pleistocene Proboscideans in North America North of Mexico. *Program and Abstracts of the 19th Biennial Meeting of the American Quaternary Association*, Bozeman, MT 2006:89-90.

Graham, R. Wm. 2006. Fallacies of the Disharmonious Index and Relevance of Quaternary Non-Analogue Mammal Faunas for Future Global Environmental Change. *Geological Society of America Abstracts with Programs*, Vol. 38, No. 7, p. 118

Graham, R., E. Evanoff and B. Weis 2006. Landscape Taphonomy: Bones Gaijre—a late Eocene site in Northeastern Colorado. *Journal of Vertebrate Paleontology* 26 (supplement to Number 3): 69A.

Graham, R. W., A. Bryck, T. White, L. Newsom, L. Kump, and C. Brown 2007. Science Diving and Prehistory of Florida: Poster and Abstract, American Association of Underwater Science.

Snider, Julianne 2007. Invited Panel Speaker for the Pennsylvania Federation of Museum and Historical Organizations, Bethlehem PA.



Untitled, two sections of the five-panel mural that hung in the Huster Building foyer until the mid-1990s, *tempra on masonite*, Hiram Draper Williams, EMS Museum & Art Gallery collection, part of the *Men at Work* exhibit in the Art & Mineral Gallery of the EMS Museum & Art Gallery, 2007

MUSEUM PRESENTATIONS & PROGRAMS

4/19	Russ to Nittany Mineralogical Society	22
7/4	EMS Exhibit at 4th Fest in State College	450
8/26	Exhibit at Nittany Mineralogical Society Mineral Show	18
9/10	EMS Exhibit for State College Kid's Day	224
9/19	PSU Freshman Art History Seminar	16
10/3	EMS Geoscience Club	27
10/10	Four Geology classes using GeoWall	128
10/17	Four Geology classes using GeoWall	128
10/29	Introductory Geography Class	32
11/13	Ninth grade Williamsport School	92
11/14	Four Geology classes using GeoWall	128
1/10	Fifth grade classes (2) at Pine Grove Mills	50
1/10	Shake, Rattle and Rock (3 fifth grade classes)	63
1/11	Shake, Rattle and Rock (2 fifth grade classes)	48
1/16	NMS lecture on feathered dinosaurs	47
3/25	Prehistory of Florida Graduate Exhibition	82
3/30	NMS Jr. Education Day—Fossils	303
4/4	Panorama Elementary School (3 classes)—Fossils	92
4/17	Park Forest Elementary School	23

PUBLICATIONS

- Fahlman, B. 2006. Realism and its response in Pennsylvania painting. *American Art Review* 18: 96-109. (Features two EMS Museum & Art Gallery paintings)
- Graham, R. 2006. The New EMS Museum. Department of Geosciences—*College of Earth and Mineral Sciences Newsletter 2006*: 14-15.
- Graham, R. W. 2006. Climate and Biota of Western North America. Pp. 61-66. IN *Environments, Origins, and Population, Handbook of North American Indians*, Volume 3, D. H. Ubelaker (Ed.), Smithsonian Institution, Washington.
- Graham, R. Wm. and Julianne Snider 2006. *EMS Museum Annual Reports for the Academic Years of April 2004—March 2006*. Earth and Mineral Sciences College, The Pennsylvania State University, University Park, PA.

IDENTIFICATIONS & QUESTIONS

- | | |
|-------|---|
| 4/28 | Edward Warnica (State College): Sandstone |
| 5/2 | Don Reich (State College): Slag presumed to be meteorite |
| 6/7 | Dave Rusnak (Martinsburgh PA): Concretions |
| 6/28 | Frank Keridall: Plant fossils and concretions |
| 7/18 | Ulli Limpitslaw (UNC): Sedimentary structures |
| 9/1 | Thomas Laird (email photo): Unknown sedimentary structures presumed to be fossils |
| 9/24 | Roy Eisenheimer (Wingate PA): Limestone rocks presumed to be fossils |
| 10/3 | Keith Whelan (State College): Bones from VA cave |
| 10/9 | Ulli Limpitslaw (UNC): Bison bones from Pawnee Grassland |
| 10/10 | Rob Kost (Univ. of North Dakota): Domestic pig skull |
| 10/12 | Museum visitor: Piece of cooper presumed to be a meteorite |
| 11/13 | Dr. Eric Miller (St. Louis Zoo): Elephant arthritis |
| 11/15 | Robert Soley (Bucks County): Slag presumed to be meteorites |
| 11/15 | Tom Anorella (630) 886 0030: Warner paintings |
| 11/24 | Richard Smith (State College): Fossil identifications |
| 1/4 | Dave and Terry Walls (Mifflinburg): Slag presumed to be meteorite |
| 2/7 | Mr. Hochreither (Lukans Resort- Hawley, PA): Concretion presumed to be dinosaur egg |
| 2/7 | Dale Henderson: Fragment of horse (<i>Equus</i>) jaw with teeth |
| 5/3 | Bill James (Scranton): Slag presumed to be meteorite |

PRESS

- 2/19 *London Sunday Times* p.14, article on Pleistocene extinctions
- 6/20 WPSU used museum for filming Richard Alley interview
- 8/13 EMS Museum & Art Gallery paintings featured in *Pittsburgh Tribune Review* <http://www.pittsburghlive.com/x/pittsburghtrib/search/s_465721.html>

LOANS

- 5/19 6 Paintings to Arnold Art Gallery, Lebanon Valley College
- 6/6 9 Paintings to Hoyt Institute of Fine Arts, New castle, PA
- 6/12 3 bags of screen wash concentrate to Melissa Pardi
- 8/28 Bending sandstone to Andy Sicree for educational program
- 3/2 Gem stones to Peter Heaney for NMS Jr. Ed Day

ACQUISITIONS

- 5/24 Two SCBA Deep Mine Rescue suits from PA Deep Mine Safety
- 6/20 Wm Devitt Mineral collection
- 10/12 Bob Landis Printing Plate for Antarctic Map

PHOTO IMAGES

- 7/3 Bob Jones University, Mineral Images for Home Schooling
- 7/20 Dutton e-Institute, Mineral Images for online course
- 8/14 Palomar Observatory, Steidle Collection Images, Christian Walter's paintings of the Great Telescope Disk, *Ladling Glass* and *Pouring Glass*, for in-house display

PROPOSALS

- 7/14 Bralower (Geosciences) NSF proposal: Not Funded
- 7/20 Markowski (Meteorology) NSF Proposal: Funded
- 2/15 EMS Development—Evolution Exhibit: Pending
- 3/20 IMLS Professional Training: Pending

STUDENT EMPLOYEES

Alex Bryck
Melissa Pardi
Katherine Hinkel
Jason Wilcox
Jason Hoy
Dieu Thanh Truong

STUDENT VOLUNTEERS

Alex Bryck
Melissa Pardi
Katherine Hinkel
Jason Wilcox
Laurie Eccles
Ben Fullerton
Tom Arnold

DONATIONS

James Cornette
William Devitt
Bob Landis
PA Deep Mine Safety
Robert Schmalz
Society of Women Engineers

HOST

International Meeting on Late Neogene Database Workshop

Robert Feranec, Geosciences Colloquium Speaker

PastPerfect Workshop for training on museum collections software

Campus-wide reception for PSU Museums and galleries to enhance collaboration



Aliens: Chuck Anderson, Fletch Byrom, and Tim Robinson viewing and discussing the EMS Museum & Art Gallery GeoWall

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