

# AnthroQuest

The Newsletter of The Leakey Foundation

## Historic Paleo Meeting in Cleveland, Ohio

by Dr. Yohannes Haile-Selassie

Curator/Head, Physical Anthropology  
Cleveland Museum of Natural History  
Leakey Foundation Grantee

In September, The Leakey Foundation's Board of Trustees and staff members were in Cleveland, Ohio, on a mission to promote public education on human origins. The Foundation, in collaboration with Case Western Reserve University; the Cleveland Museum of Natural History; The Institute for the Science of Origins; and National Public Radio affiliate *Ideastream*, organized the public symposium "On the Trail of Lucy: A Collaborative Exploration of *Australopithecus*."

The public symposium brought together 28 prominent paleoanthropologists from Africa, Europe, and the United States. Most of these scientists are multiple-time Leakey Foundation grantees. The symposium attracted more than 450 attendees across all ages and educational backgrounds. The symposium was opened with a keynote lecture by Dr. Bernard Wood on September 19, "Relatives and Ancestors" at the Stro-sacker Auditorium of Case Western Reserve University. The public symposium followed the next day at the Cleveland Museum of Natural History, an institution with a long history on research in human origins and evolution.

The opening of the symposium coincided with the unveiling of the museum's new human origins gallery portraying a new



(L TO R) Drs. Zeray Alemseged, Carol Ward and Fred Spoor at the symposium.  
Photo: Brian Bull/Ideastream

fleshed-out reconstruction of Lucy as its centerpiece. The symposium was divided into three lecture sessions and one panel discussion. Dr. Terry Harrison, a member of The Leakey Foundation's Scientific Executive Committee, opened the morning program with his lecture on the earliest human ancestors preceding Lucy's genus *Australopithecus*. This was followed by Drs. William H. Kimbel and Carol Ward's lectures on "What was *Australopithecus*?" The audience found these lectures informative and they asked many questions during the discussion session, which was moderated by Dr. Zeray Alemseged.

The second session, "*Australopithecus*: how it moved," addressed the bipedal anatomy of

Lucy and her relatives. Dr. Jeremy DeSilva's lecture on the locomotor adaptations of early *Australopithecus* was followed by the most public-friendly lecture, by Dr. Bruce Latimer, on the perils of bipedality. This talk left the audience with a tantalizing question: "Why did we become bipedal?" More questions were raised during the discussion that I moderated, and most of these questions were related to understanding the selective advantages for the evolution of bipedality in our lineage.

The last session of the morning was "Through the Eyes of *Australopithecus*." Drs. Kaye Reed and Thure Cerling talked about ancient trees and landscapes and the chemistry of *Australopithecus* food,

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The mission of The Leakey Foundation is to increase scientific knowledge, education, and public understanding of human origins, evolution, behavior, and survival.

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# Dear Friends of The Leakey Foundation,

The word legacy means many things to many people. To some, it rouses thoughts of a dusty shelf of books, written by people whose names sound vaguely familiar. To others, including myself, legacy embodies something powerful and important.

Many of today's leaders in human origins research had the opportunity to meet Louis and Mary Leakey. Some sat in crowded university auditoriums as students, their inspiration coming from the stories amplified through the speakers. Other researchers had the opportunity to work in the field beside these pioneers, finding and studying fossils and stone tools, and even sharing a whiskey and cigar. For these researchers, inspiration came through a physical connection that, for many of them, changed their lives and helped shape a part of their own legacy.

For many scientists, legacy may represent the knowledge they are leaving behind for future generations, not necessarily through citations and impact factors, but rather through their approaches, concepts and philosophies of science.

In this issue of *AnthroQuest*, you will learn about some of the global, long-term field studies we support; also events in Cleveland we sponsored, bringing together 28 human origins scientists; and a special project funding Dr. Leslea Hlusko's curation of Mary Leakey's Bed III/IV assemblages from Olduvai Gorge. These are the scientists who are shaping the legacy our children will come to know.

And finally there is the legacy of those people whose scientific curiosity helped establish the Foundation 46 years ago, and whose commitment continues today with their generous contributions. In the donation section of our website, you can view a list of the patrons who have provided the Foundation financial support on an annual basis for over 25 years!

As we look to this new year, so full of possibilities, let's also reflect on the past. To remember the researchers who've left a legacy of incredible discovery, to think about those who work so tirelessly today to make new discoveries, and to acknowledge those individuals whose patronage make those discoveries possible.

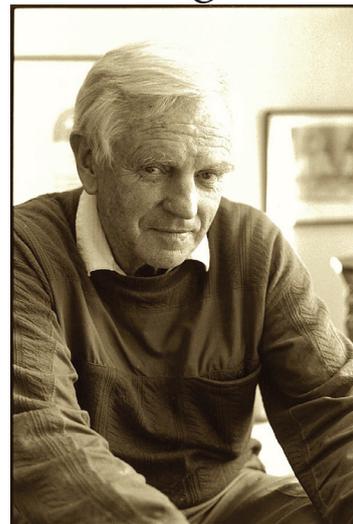
To those who have shaped and defined the legacy of The Leakey Foundation, I thank you.

Donald E. Dana  
*President of The Leakey Foundation*



Don Dana Photo: J. Harris

## Thank You



Carole Travis-Henikoff recently made a generous donation in memory of her dear friend, Dr. Garniss Curtis.

# The Gordon Getty Grant Legacy Begins



Sileshi Semaw Photo: The Gona Project

Semaw is Senior Research Scientist at Centro Nacional de Investigación Sobre la Evolución Humana in Burgos, Spain. Since obtaining his Ph.D. from Rutgers University in 1997, he's been Director of the Gona Paleoanthropological Research Project in the Afar region of Ethiopia. Semaw's research, with consistent support from The Leakey Foundation, has produced a wealth of remarkable paleontological and archaeological discoveries. These include 4.3–4.5 million year old fossils of *Ardipithecus ramidus*; the oldest known stone tools, dating to 2.5–2.6 million years; and a well-preserved pelvis of a female *Homo erectus* individual.

Dr. Semaw's current research project aim to continue excavations at archaeological sites in the Gona region, dating to 1.7–1.8 million years, which may provide important clues to understanding the nature of the transition from the Oldowan to the Acheulean lithic industries. His continued excavations, with support from the Gordon Getty Grant, will contribute crucial new evidence towards a better understanding of the nature and timing of the transition to the early Acheulean, one of the most important events that occurred during the first 2 million years of human cultural development.\*

## by Dr. Terry Harrison

Professor & Chair, Anthropology Dept.,  
Director, Center for the Study of Human  
Origins, New York University

The very first recipient of the Gordon Getty Grant is Dr. Sileshi Semaw for his project titled: *Continued excavations exploring the Oldowan–Acheulian transition at Gona, Ethiopia*. This newly established grant was created in 2013 to honor Mr. Getty's 40 years with the Foundation and to celebrate his 80<sup>th</sup> birthday. With this award, the Foundation can acknowledge Mr. Getty's leadership and contributions to human origins research, while honoring his special relationship to The Leakey Foundation, for all time.

The Gordon Getty Grant will be awarded each year to an investigator and project that are considered to be of exceptional merit. As of receiving the news that he had been awarded the inaugural Gordon Getty Grant, Dr. Semaw stated,

"I have no words to express how happy I am to receive the Gordon Getty Grant. The generous grants from The Leakey Foundation have been the cornerstone for the success of the Gona Project, beginning with the first grant I received 15 years ago. The consistent financial support from the Foundation is much appreciated—and now this prestigious and special research grant honoring Gordon—this is indeed an exceptional opportunity for me and my colleagues!"

If you'd like to make a gift to the Gordon Getty Grant Fund, visit [leakeyfoundation.org/getty](http://leakeyfoundation.org/getty) or see the donation form on page 11.



## The Gordon Getty Grant Fund Donors\* (Donations made between August 15, 2013 and January 31, 2014)

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\* See issue no. 28 of *AnthroQuest* for donations made before August 2013.

# Awarded Grants Fall 2013

## Behavioral

**Mr. Kenneth Chiou**, Washington University  
*Population genomics of a baboon hybrid zone in Zambia*

**Ms. Margaret Corley**, University of Pennsylvania  
*Dispersal and reproductive function in socially monogamous owl monkeys*

**Ms. Morgan Gustison**, University of Michigan  
*The form and function of vocal complexity in gelada society*

**Ms. Caley Johnson**  
Graduate Center of the City University of New York  
*Baboon diet in forest and savannah: Comparison of nutritional goals*

**Dr. Kevin Langergraber**, Boston University  
*Do male chimpanzees gain females by expanding their territory through lethal inter-group aggression? (Genetic monitoring study at Ngogo, Kibale National Park, Uganda)*

**Ms. Stephanie Levy**, Northwestern University  
*Adaptive significance of brown fat among the Yakut of Siberia*

**Dr. Charles Menzel**, Georgia State University  
*Studies of chimpanzee spatio-temporal cognition and foraging*

**Dr. Alicia P. Melis**, University of Warwick  
*The cognitive underpinnings of chimpanzee collaboration*



A group of geladas Photo: Dave Watts/ flickr: wattsdave

**Ms. Anna Preis**  
Max Planck Institute for Evolutionary Anthropology  
*Proximate mechanisms of conflict management in wild chimpanzees*

**Dr. Elizabeth Price**  
Institute of Neuroscience, Newcastle University  
*Planning in orangutans: Investigating the evolution of mental time travel*

**Ms. Rebecca Slepkov**, University of Minnesota, Twin Cities  
*Dietary isotopes of chimpanzees & baboons at Gombe NP*

**Ms. Andrea Spence-Aizenberg**, University of Pennsylvania  
*Olfaction, partner choice, and reproduction in owl monkeys*

**Mr. Duncan Stibbard Hawkes**, University of Cambridge  
*Reading the signals: What does Hadza hunting success honestly convey?*

**Ms. Claudia Wilke**, University of York  
*Are cooperative chimpanzees more communicative? (Kibale, Uganda)*

To see final reports on grants we've funded  
in the past, visit the new page on our  
re-designed website!

[leakeyfoundation.org/reports](http://leakeyfoundation.org/reports)



# Paleoanthropology

**Dr. Karen Baab**, Stony Brook University  
*Integration of robust features across the cranial and postcranial skeleton*

**Dr. Lucas Delezene**, University of Arkansas  
*Using dental microwear to infer hominin canine use*

**Ms. Nicole Garrett**, University of Minnesota  
*Compound specific paleoecology of Early Miocene hominoids from East Africa*

**Ms. Lauren Gonzales**, Duke University  
*Intraspecific variation in semicircular canal morphology in platyrrhine monkeys*

**Ms. Amber Heard-Booth**, University of Texas at Austin  
*Structure, function, and development of the human longitudinal arch*

**Ms. Stephanie Maiolino**, Stony Brook University  
*Comparative and functional morphology of primate nails and distal phalanges*

**Dr. Fredrick Manthi**, National Museums of Kenya  
*Investigations of the Todenyang & Loruth Kaado sites, NW Kenya*

**Dr. Laurent Marivaux**, CNRS, France  
*In search of early platyrrhine primates from Peruvian Amazonia*

**Dr. John Polk**, University of Illinois Urbana-Champaign  
*Lower limb posture in *Australopithecus sediba* and extant apes*

**Dr. Sileshi Semaw**  
Centro Nacional de Investigación sobre Evolución Humana  
*Continued excavations exploring Oldowan-Acheulian transition at Gona, Ethiopia*

**Dr. Ron Shimelmitz**  
Zinman Institute of Archaeology, University of Haifa  
*Human-environment interactions during the Upper Paleolithic of Sefunim Cave, Israel*

**Dr. Britt Starkovich**, University of Tübingen  
*The evolution of late Pleistocene hominin diets in southern Greece*

**Dr. Dominic Stratford**, University of the Witwatersrand  
*Excavation of the Jacovec Cavern hominin-bearing deposits, Sterkfontein Caves*



Sterkfontein Caves, South Africa. Photo: Maropeng



Hadza montage: Joey Roe. Photos: Idobi; Andy Lederer/ flickr: 7177420@N03

# The Curatorial Rescue of

Olduvai Gorge, Tanzania, is perhaps the most famous of all archaeological sites informing on human evolution. First discovered to science in 1911 by Germans, this site has since been a productive source of data on human biological and cultural evolution.

The site was made famous by Drs. Louis and Mary Leakey through their major discoveries of early human fossils and magnificent antiquities, documenting the evolutionary history of our species and vertebrate fauna over the past two million years. Olduvai was the first place where the evidence of early stone tool use, known as the Oldowan industry, was discovered. This discovery led us to find the oldest evidence of our own genus, *Homo* (*Homo habilis*), and the first evidence of our odd ancestor *Australopithecus boisei* (aka “Zinjanthropus”). It was the Olduvai record that first indicated that by 2 million years ago our stone tool-using ancestors had evolved complex, social behavior, including hunting and eating meat at prehistoric campsites.

Olduvai continues to yield a wealth of evidence of human origins. In fact, it remains the best-dated geological sequence over the last 2 million years in Africa. Olduvai provides a yardstick for rates of evolutionary changes in human form, stone tool technology, numerous animal lineages, vegetation, climate change, African environments and paleolandscapes. The site is still the best place in the world to investigate the behavior and ecology of the earliest species of the genus *Homo*, *Homo habilis*, due to the richness of its fossil and archaeological records.

In light of this history and continued the scientific importance, Dr. Jackson Njau (Assistant Professor of Geology, *Indiana*

*University*) and I received assistance from the Foundation with the preservation of the scientific context for a collection of fossils excavated by Mary Leakey, which were left at the Olduvai Leakey Camp.

Dr. Njau and I co-direct the Comprehensive Olduvai Database Initiative (CODI), which is working to bring this irreplaceable heritage into a unified database. The century of research at Olduvai Gorge has involved numerous scientists from different backgrounds of expertise and countries of origin, resulting in fossils from this site being dispersed on a global scale (Munich, Berlin, Lieden, London, Tanzania, and the through out the United States).

Unfortunately, much of the knowledge about where Olduvai fossils can be found is part of an “in-crowd” network. If a researcher is looking to access fossils for study and does not contact the right person,



Assistants photograph artifacts and fossils for the CODI database.



The state of things in Mary Leakey's storage building, in 2012. All photos: L. Hulsko/J. Njau

# Mary's Finds

by Dr. Leslea Hlusko

Associate Professor of  
Integrative Biology, UC Berkeley



Assistants clean and identify fossils from Mary's collection.

they'll never know that a significant part of the bird collection, for example, can be found in someone's basement in Florida.

Before these connections are lost to time, the CODI project is working to unite all of the various collections into one online space. CODI is a user-friendly database that provides information on which fossils exist and where they are housed. It includes photographs when possible.

This database is a valuable resource for scientists, as it points them to the multiple collections that contain fossils of specific interest to their research projects, maximizing the scientific value of the assemblage. Additionally, it provides considerable assistance to the Department of Antiquities in Tanzania as they confront the monumental task of caring for these materials. Given that the scientific community is responsible for transporting and disarticulating these materials over the past 100 years, Dr. Njau and I feel that it is the scientists' responsibility to help get this collection in order.

Technological advances especially the global availability of Internet access, including in Tanzania, have made this database possible.

In 2009, Dr. Njau and I were granted a three-year National Science Foundation (NSF) grant to make the vision of CODI a reality. The grant also allowed us to conduct new paleontological field

research at Olduvai, as well as educational outreach in Tanzania. Part of the NSF funding included an extensive stay in Nairobi at the Kenyan National Museums in order to inventory the tens of thousands of fossils collected during Mary Leakey's excavations. These fossils were returned to the National Museum of Tanzania, in Dar es Salam, in 2011. The project has since shifted the efforts in Nairobi to working with the Dar es Salam Museum officials to unpack, organize, and inventory these fossils electronically.

While this project has been able to accommodate the changing landscape with respect to the transfer of material from the Nairobi to the Dar es Salam museum, in 2012 Dr. Njau and I hit a hurdle which could not be overcome by merely shifting currently-held resources. The expenses had grown too great, but not enough of the curation had been completed. The Leakey Foundation granted additional funds to the CODI project, so the team could continue to preserve these materials.

During the 2012 field season, Dr. Njau and I were surprised to discover that one of the old buildings/labs at the Leakey Camp at Olduvai contained not yet taxonomically-described material from Mary Leakey's archaeological excavations of the upper beds (material that is between 1.2 million and 780,000 years old – the time during human evolution when *Homo erectus* starts to transition towards "archaic" *Homo sapiens*). This material was organized decades ago, but with the rats, cats, weather, heat, dust, and other forms of entropy, the bags, labels, boxes, trays, and shelves have fallen into disrepair. Provenience information that Mary Leakey meticulously recorded is rapidly being irretrievably lost!

We spent a couple of days during the 2012 field season just gathering a sense of what was in the building and how much work would go into inventorying it. We found that much of the materials are important for paleontological study, and were able to curate just over 200 specimens in 2 days in the initial stage of the project. Curating involves a great deal of work. Each fossil must be washed, inventoried, photographed, and then placed in a new bag, with indelible labels. With the Foundation's assistance, we were able to curate the rest of the collection.

We're grateful to The Leakey Foundation for helping to preserve the tremendous scientific discoveries that Mary and Louis Leakey made at Olduvai Gorge.\*

To learn more about CODI, and to see the progress being made, visit [olduvai-paleo.org](http://olduvai-paleo.org) A search for specimen numbers "OVPP-L" will give results from this project.



# Historic Meeting in Cleveland, OH [continued from page 1]

respectively. These two lectures gave the audience insights into how paleoanthropologists reconstruct past environments in which our earliest ancestors lived and also the food they ate. Dr. Rene Bobé moderated the discussion of this session.

The morning sessions were followed by a six-member panel discussion, moderated by Dr. Bernard Wood, in the afternoon. Panel discussants were Drs. Alemseged, Kimbel, Ward, Harrison, Fred Spoor, and myself. Numerous topics were raised, ranging from the place of *Australopithecus* in the human family tree to its life history and social structure. Dr. Spoor explained how new imaging and visualization techniques such as computed tomography (CT) are advancing the field of paleoanthropology.

One of The Leakey Foundation sponsored events that took place in Cleveland was high school outreach, which took place a day before the public symposium. Three of the symposium participants, Dr. Fredrick Manthi, Dr. Stephanie Melillo, and Dr. Bence Viola visited high schools in the Cleveland area, together with Leakey Foundation staff and board members. All three paleoanthropologists had very positive impressions about their visit to the various schools. Dr. Melillo visited the Hathaway Brown School and presented a general overview of paleoanthropology to the students. “I was impressed by how much the students knew about the topic, despite the fact that it is not covered in their curriculum” noted Dr. Melillo, adding that, “It was a pleasure to speak to a room full of bright, young women interested in human evolution.” It was also impressive to see a number of these students attend the public symposium the next day.

Dr. Viola, who visited the Cleveland School of Science and Medicine at the John Hay High School, a public school in Cleveland’s University Circle area, focused his talk on how advances in technology in deciphering ancient DNA and medical imaging has changed the way we look at human evolution. After his talk, the students were very interested in the subject and in fact, “asked

many (and good) questions.” Dr. Viola explained the overall reaction from the students, “One of the important things for them was to see that things like genetics, which they have mostly heard of in medical settings before, are also used for very different questions.” Some of the students ended up inquiring about things such as, “What would I have to study to work in paleoanthropology?” Another student asked,

“How could I participate in excavations?” Needless to say, it was a captivating experience for the students.

Another event that took place during The Leakey Foundation’s visit to Cleveland was a workshop organized by Drs. Alemseged, Kimbel, and myself to discuss collaboration and data sharing among paleoanthropologists. The title of the workshop was “The Paleobiology, Taxonomy, and Paleoecology of Early *Australopithecus*: A Collaborative Approach to Synthesizing the Evidence.” This one-day workshop was funded by the Wenner-Gren Foundation, with support by The Leakey Foundation. All of the 28 scientists who travelled to Cleveland participated in the workshop. They each began by discussing how to best enhance collaboration among the different research projects, followed by identifying key research questions related to our evolution between 3 and 4 million years ago-creating informal working groups responsible for coming up with ideas for collaborative research. The spirit of the workshop was so positive that it felt like the idea of collaboration and data sharing was in the hearts and minds of each participant.

This is, I believe, one of the most successful workshops in the history of paleoanthropology and every member of the workshop hopes that it will set the standards of how paleoanthropology will move forward. This workshop will be followed by other similar



Above: Leakey Trustee Alice Corning inspects the new Lucy exhibit in Cleveland.

Below: The Foundation Trustees at CMNH. Photos: The Leakey Foundation



# A Prehistoric Tour of France



by Jo Rainie Rodgers  
Leakey Foundation Fellow

A few years ago, at the Annual Leakey Fellow's Dinner and Auction, my husband, George, and I held the winning bid for a visit to the atelier of Elisabeth Daynès, the world renowned French sculptor who specializes in life sized reproductions of early hominins based on facial reconstruction and data from the fossil record.

We were quite excited to finally visit Atelier Daynès, in Paris, where Elisabeth explained her process for creating the realistic hominin reproductions seen in many of the world's finest prehistory museums. It is quite a unique, and thrilling, experience to stand in front of a full size Australopithecine reproduction and look into its eyes. It truly brings prehistory to life!

Our time with Ms. Daynès did not end at her workshop. Once she learned we were

heading to the Dordogne to visit several of the region's archaeological sites, she invited us to join her for the unveiling of a new exhibit at the Cap Blanc cave site, near Les Eyzies-de-Tayac-Sireuil. George and I spent two days exploring French food, wine and cave art with Musée National de Préhistoire (MNP) Director Jean-Jacques Cleyet-Merle and his staff, Elizabeth Daynès and her assistant Peggy Martin, and



Above left: Leakey Fellows Jo & George Rodgers in France, with Dr. White. Above right: Daynès' bust of a Magdalenian woman, at Cap Blanc. Photos: Jo Rodgers

Joyce and Bruce Chelberg (donors of both the Field Museum and The Leakey Foundation.) We had recently seen the Daynès bust of the woman of Cap Blanc as part of the *Cave Paintings of Lascaux* exhibit at the Field Museum, during a Leakey Foundation trip to Chicago. This second bust, just unveiled by Daynès, will provide Cap Blanc visitors with a stunning reproduction of what this Magdalenian woman might have looked like.

The highlight of our trip to the Dordogne was another Leakey Foundation auction item that we had won—a day spent with New York University Professor and leading Paleolithic art specialist, Dr. Randall White. Dr. White showed us several cave sites, including the fabulous Fonte-de-Gaume. The artwork in these caves is exquisite and there is much of it to see. We've been visiting the Dordogne for years, yet we both feel as if we see something new each time we visit a cave. Dr. White also gave us a nice tour of the area and took us to lunch at one of his favorite restaurants. After a leisurely meal and more touring, we ended the day with a visit to his home for drinks and good conversation with him and his wife Helene.

On our last night in the Dordogne, we were invited to join MNP staff member Pascal Villesuzanne and friends for a final night of food, wine and music at Pascal's home near the site of Le Moustier. While I sampled local wines, George played music into the night with Pascal and other members of the newly formed musical group Troupe Saiga. This troupe consists of 13 musicians/actors. They have created a diverse group of "Paleolithic" musical instruments from shell, bone, wood and animal skins. They perform at local archaeological sites, and they are a wild group! Thank you, Leakey Foundation, for providing these wonderful opportunities to explore human prehistory! ❁

**These types of opportunities are only available to Leakey Foundation Fellows, so join today!**

*The Annual Fellow's Dinner & Auction is April 25, at the Chateau Carolands. Membership information is on page 11 or at [leakeyfoundation.org](http://leakeyfoundation.org)*



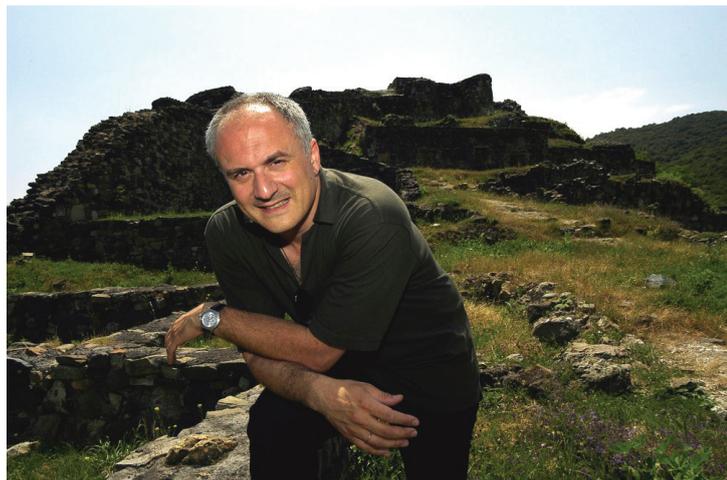
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# Reflections on Dmanisi, Being a Leakey Grantee



**by Dr. David Lordkipanidze**  
*Director of the Georgian National Museum*

It is almost impossible to believe that 15 years have passed since I first became the beneficiary of a Leakey Foundation grant. Many things have changed and evolved since 1998, except my enormous gratitude for the indispensable support of my research funded by The Leakey Foundation.

The initial Leakey Foundation grant for the Dmanisi site, and my work, provided the lifeline to bring Dmanisi to the forefront, and allowed Dmanisi to take its place on the world stage. Over the years, it has been an incredible privilege to meet dedicated people involved with the day-to-day activities of the Foundation. It has been an amazing experience to witness the incredible synergy between the Board of Trustees, the donors, and the Scientific Executive Committee (once led by the legendary scientist Dr. Francis Clark Howell.)

Philanthropy and fundraising for the pursuit of science are a new frontier for the Republic of Georgia, if not the whole of the former Soviet Bloc. I have been most impressed and dazzled by the dedication of professionals from a variety of disciplines, so committed to advancing research around the world by sharing ever-scarce resources.

It's remarkable to see how Dmanisi has benefited from The Leakey Foundation's support, including 10 research grants with additional work by Reid Ferring, James Macaluso, Philip Rightmire, and Martha Tappen.

It is a magnificent opportunity and an honor to have had the exposure I have had in the course of the past 15 years with The Leakey Foundation. It will be an honor to be associated with the Foundation as it continues helping us learn more about human history. ✨



Clockwise from top left: Lordkipanidze at Dmanisi, *Photo: National Museum of Georgia*; Holding the well-preserved "Skull 5" found at Dmanisi, from 1.8 mya. *Photo: AFP/Vano Shlamov*; Computer reconstruction of the five skulls found at Dmanisi. The most recent find is on the right. *Credit: Marcia Ponce de León, Christoph Zollikofer/U. of Zurich*

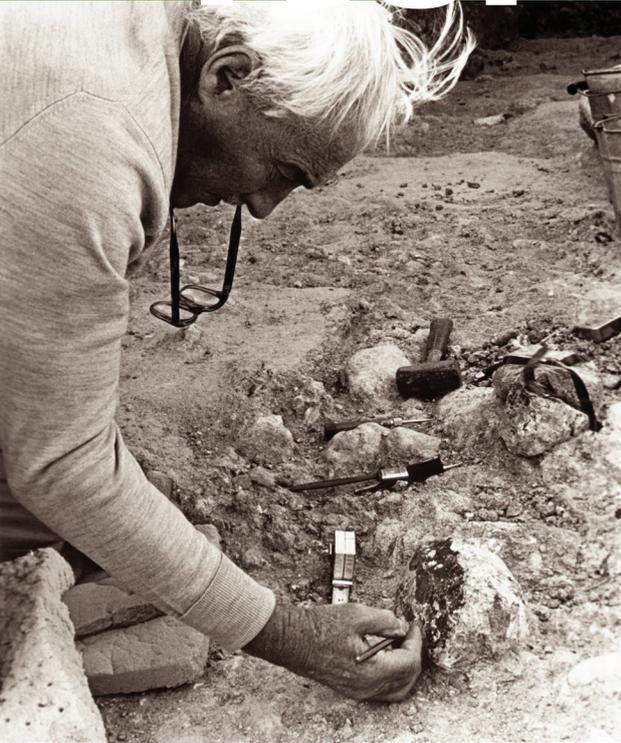
**Don't miss Dr. Lordkipanidze in San Francisco on April 28th! To hear "First Out of Africa" (a previous Leakey Lecture) visit [bit.ly/leakey-dmanisi](http://bit.ly/leakey-dmanisi)**

**To learn more about Dmanisi visit [dmanisi.ge](http://dmanisi.ge)**



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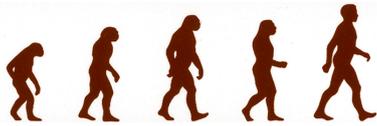
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Muriel Mauriac, *Curator of Lascaux Cave*  
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Laurie Santos, *Yale University*  
American Museum of Natural History  
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### SAN FRANCISCO

April 28<sup>th</sup>

David Lorkipanidze  
*National Museum of Georgia*  
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