

New Digital Heritage Imaging Lab Opens



There is a new space in McDonel Hall for digital applications in archaeology. The Digital Heritage Imaging and Innovation Lab, or DHI Lab, held its grand opening on Thursday, May 2nd, 2019. This lab, housed in E36 of McDonel Hall, offers three main types of imaging techniques: 3D scanning, RTI (reflective transformance imaging), augmented and virtual reality, as well as 3D printing stations, a photogrammetry station and other digitization methods.

This new space also houses equipment and



services for digital documentation, digital preservation, and digitally enabled public engagement. In addition to the technologies housed within, its primary work space is set

up for classes, workshops, individual research, or group projects. The idea for this new learning space was fostered through a collaboration among LEADR staff and Anthropology faculty with two main motivations for creating the space. The Department of Anthropology wanted to embrace our growing strength in digital cultural heritage. This idea, coupled with the success of LEADR, created a unique opportunity to develop a space supporting a lab for faculty and graduate/undergraduate students interested in applying digital methods and computational approaches to material culture.

While this lab has been operating under its soft opening throughout Fall Semester 2018 to work out

the kinks, the Open House to demonstrate its full capabilities to the public, occurred during the late morning of May 2nd with refreshments being offered and students and faculty on hand to display the new technologies. This new learning space will help support digital components in archaeological field schools, provide experiential learning, hands on learning, and applied learning. The experiences obtained from this lab will serve students choosing to go on to any digital field and will offer them very marketable skills in digital methods. It is geared primarily towards 3D capture, virtual reality, and 3D printing of material culture and collections.

The new DHI Lab is run by the Department of Anthropology and is part of the LEADR family of facilities. Funds for this digital learning space came from a combination of Anthropology and TLE funds from the Provost's office (technology, learning, environments). Some of the current projects already in the works here include the Campus Archaeology Program utilizing 3D capture, 3D capture of archaeology collections from the MSU Museum, a collaborative project with the Michigan History Center digitizing Michigan relics, and a Masters thesis by anthropology student Taylor Panczak.



2019 Photo Contest Winners



1st Place

**Los Luchos Llamas: Llama
Caravan in the High-
Altitude Pucuncho Basin;
Central Andes, Peru; 2018
Emily Milton, graduate
student**



2nd Place

**The Last Village
Weaver; Shan
State, Myanmar;
2016
Eddie Glayzer,
graduate student**



3rd Place

**Don't "Rock" the Boat; Ancash Region, Cordillera Negra,
Peru; 2018**

Emily Milton, graduate student

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Editorial support from the College of Social Science

Success stories in anthropology come via many different paths. However anthropology informs your career, whether you are a practicing anthropologist inside or outside the academy, we want to hear from you. Contact us with your stories.

Email: anthropology@ssc.msu.edu

Featured Alumna, Eve Avdoulos

Eve Avdoulos graduated from Michigan State University in 2012 with her degree in anthropology, going on to graduate from the University of Cambridge with a Master of Philosophy in 2013. In July of 2019, she will receive her Doctor of Philosophy from Cambridge where she was a researcher at the Centre for Urban Conflicts Research located within the Department of Architecture. Currently, she is applying to various post-doctoral and public sector positions.

Ms. Avdoulos' PhD, submitted in September 2018, investigated the complexities and contradictions of the phenomenon of urban decline. Through the study of Detroit and a close reading of two residential urban neighborhoods, she examined the development of urban decline over time, as well as how this phenomenon has differentially affected social patterns and practices within the city. By highlighting a methodological approach focused on the everyday lived experience of the city, she illustrated how decline should be regarded as a process that actively transforms the urban environment by dismantling and disassembling existing spatial and social networks and infrastructures, while, creating new ones.

Eve is particularly interested in the socio-political and cultural aspects of urban environments and the ways built environments influence the human condition. At the root of her work is a desire to better understand the human condition to strengthen equity, inclusion, and diversity in our ever-growing urban areas. She enjoys teaching because it allows her an opportunity to engage students in critical thinking and discussion, to help students discover their passions and motivations and to instill the skills and confidence to pursue their personal and professional goals. She feels fortunate for her incredible teachers at MSU who taught her these things as well as instilling a love of fieldwork. Ms. Avdoulos

Eve Presenting at the Centre for Urban Conflicts Research



believes fieldwork offers members of the community a chance to share their own stories and experiences in ways they

were previously unable to do so.

During her time at MSU, she was actively involved with the Department of Anthropology through volunteering in the archaeology lab, attending an archaeological field school in Greece as part of a study abroad program, working at the MSU Archives &

Historical Collections and participating in the Campus Archaeology Field School. Each of these experiences provided her with the foundational skills needed to achieve success in graduate school and prepared her for a career in academia and research. Eve first got interested in anthropology through her fascination with ancient cultures and the material remains of their societies. Upon a family trip to Rome, Florence, and Pompeii, she became spellbound by the incredible feats of human ingenuity and knew upon being accepted to Michigan State that she wanted to pursue an Anthropology degree to further study her interest in the human condition.

Her current department, The Centre for Urban Conflicts Research within the Department of Architecture at the University of Cambridge is dedicated to investigating cities experiencing conflict, including those caused by ethnicity, nationalism, religion, class, or race. The Centre maintains an interdisciplinary and multi-disciplinary approach and is comprised of individuals from a variety of backgrounds including anthropology, architecture, geography, and history. The diversity of research undertaken by those working at the Centre exposed Eve to a wide range of global urban issues.

To stay updated on what Eve is up to, visit her at: <https://www.urbanconflicts.arct.cam.ac.uk/people/eve-avdoulos>



Eve at Cambridge's Red Door Submitting her PhD

Cities of the Arab World Conference

On February 14-15, 2019, the MSU's Department of Anthropology, co-hosted an international and interdisciplinary conference entitled *Cities of the Arab World: Theory, Investigation,*

AN INTERDISCIPLINARY CONFERENCE

Cities of the Arab World: Theory, Investigation and Critique



Critique. In partnership with MSU's Global Urban Studies Program (GUSP) and Muslim Studies Program (MSP), and the Center for Middle Eastern and North African Studies (CMENAS) at the University of Michigan, the event brought together scholars from the United States, Europe, and the Middle East to explore urban life in the geographic Arab world, and the political, economic, and cultural presence of Arab communities in cities around the globe.

Six panels were formed for the two-day conference, on topics ranging from urban mega-projects and questions of sustainability, to the political economy of post-conflict reconstruction. The program included two very well received keynotes by Dr. Harvey Molotch (Professor Emeritus of Social and Cultural Analysis and Sociology, New York University), and Dr. Mona Fawaz (Faculty of Engineering and Design, American University of Beirut), and a screening of El-Said's *In the Last Days of the City* (2016), in conjunction with the MSU Library Film Series, organized by Anthropology

and Area Studies Librarian Deborah Margolis.

The conference was designed with multiple goals in mind. Among the most important was to explore not only cities of the

geographical Arab world, but to ask questions of its global extensions to urban communities around the world. The second goal was to expand and deepen engagement between Urban Studies and scholars of the Arab World.

"The major theoretical debates in Urban Studies continue to be rooted in the US and European experiences. Theorizations from the South, including the Arab world, are very exciting and intellectually productive, yet they remain outside of the mainstream," Hourani said. Given the large Arab and Arab-American communities in Michigan, it is only natural that our public universities would help to overcome this challenge.

"We were very pleased with the collaboration with CMENAS, and the large turnout for the event demonstrates that there is a strong constituency for the global orientation of research that GUSP, MSP and Anthropology produce, both within the university and across the state."

Forensic Anthropology in the News

MSU Forensic Anthropology continues to bring answers and closure for the families of tragedies. When unidentified human remains were found on private property in northern Kent County, Wyoming Department of Public Safety called in MSU forensic anthropologist, Dr. Joe Hefner to identify the remains.

They were the remains of Charles Oppenneer, a victim of the 'Craigslist killer'. Dr. Hefner and the MSU forensic anthropology team determined the cause of death and positively ID'd the man, offering closure for the family of Mr. Oppenneer, who had been missing since 2014. Hefner and the MSU team also provided invaluable evidence for the police department. You can read the full story [here](#). Our sympathies go out to Mr.

Oppenneer's family and friends.

Dr. Joe Hefner, Assistant Professor in the Department of Anthropology, was also quoted in a recent Washington Post article where he discussed the Easter terrorist bombing in Sri Lanka. Hefner, a board-certified forensic anthropologist who assisted in the aftermath of the 9/11 attacks, provided The Washington Post with his expert perspective on the incredible challenges in identifying victims in a disaster of this magnitude.



Dr. Goldstein Receives Lifetime Achievement Award

The Department of Anthropology is pleased to announce Dr. Lynne Goldstein (Professor Emerita of Anthropology and Founding Director of the Campus Archaeology Program) received the Society for American Archaeology Lifetime Achievement Award at the 84th Annual Meeting in Albuquerque New Mexico on April 12, 2019. This prestigious award is in recognition of her pivotal theoretical and empirical contributions to the field, in the areas of mortuary archaeology, Midwestern prehistory, historical archaeology, archaeological ethics and repatriation, public engagement, as well as professional and institutional leadership.

Over the course of her career, Lynne Goldstein taught at both the University of Wisconsin-Milwaukee and Michigan State University and chaired both departments. She retired from MSU in 2018 and now holds emerita status. During the 48 years of her career, she has made fundamental theoretical and empirical contributions to archaeology.

Her service to the SAA has been recognized by five Presidential Recognition Awards. Her service, both on the SAA Task Force on Repatriation and as an advisor, from 1990-2010 made important contributions to the



form and implementation of NAGPRA legislation. She also served on the Smithsonian Repatriation Committee for many years. Lynne served as Secretary of the SAA (1988-1991), editor of *American Antiquity* (1996-2000), as co-Chair with Barbara Mills on the Task Force on Gender and Research Grants Submission (2013-2019), and currently chairs the SAA Publication Committee (2018-2021). She was similarly active in the American Anthropological Association, serving as Publication Director for the Archaeology Section (2013-2017), Liaison to the

Register of Professional Archaeologists (2016-2018), and on additional committees. This does not even touch upon her leadership in the Midwest Archaeological Conference, Wisconsin Archaeological Survey, Florida Public Archaeology Network, American Association for the Advancement of Science, and other national and regional organizations.

Dr. Goldstein has chaired 18 dissertation committees, served on dozens more, and mentored graduate (and undergraduate) students in programs around the US, in the United Kingdom, and beyond. We thank her for her service and look forward to keeping up with her retirement.

3rd Annual Endowed Archaeology Lecture



Greg Hare, the former Yukon Archaeologist and Senior Projects Archaeologist with the Government of Yukon, Canada, recently retired after

30 years of service, visited MSU from March 11-15th, 2019 as the 3rd Annual Alumni and Friends of Archaeology Endowed Lecture Series.

While here, Dr. Hare gave a department talk entitled, "Global Warming and Melting Ice Looking into the Past – Preparing for the Future" where he discussed how increasing global temperatures have created both serious challenges and unique opportunities for archaeology in the circumpolar north. He also gave

a public talk entitled, "The Yukon Ice Patch Project Ancient Artifacts Melting from Alpine Ice." This talk provided an overview of the Yukon Ice Patch Project and explored the collaborative working relationship with indigenous communities and implications for heritage management. His talk reviewed the challenges posed by environmental change, the newly developing field of glacial archaeology and possible implications for international research agendas.

Dr. Hare is an editor of the *Journal of Glacial Archaeology*, Sheffield, U.K. and in 2012 he was program chair for Frozen Pasts – the 3rd International Glacial Archaeology Conference, in Whitehorse Yukon. He studied anthropology and archaeology at the University of Victoria and University of Alberta, Canada and lives in Whitehorse, Yukon, Canada.

Quechua Girl Returns Home



Dr. Lovis at the Bolivian Embassy

Dr. William
Lovis,
Professor
Emeritus of
anthropology,
Curator
Emeritus of
anthropology,
editor of
Midwest
Archaeological

Perspectives and research affiliate for Lithic Microwear Research Laboratory completed the repatriation to Bolivia of the 500-year old mummy of a young Andean girl. Her arrival at the Washington, D.C., Embassy of the Plurinational State of Bolivia marked the beginning of his retirement after a 45-year career at MSU.

The mummy, nicknamed Ñusta, a Quechua word for “Princess,” had a long MSU history. MSU Museum records revealed she was donated to the MSU Museum in 1890 by then U.S. Consul to Chile and MSU Board of Trustees member Hon. William B. McCreery. She came from a stone tomb, south of LaPaz, Bolivia, accompanied by a variety of accoutrements including pouches, bags, a small clay jar, sandals, beads, feathers and several types of plants including maize, beans, grasses, kapok and coca. The maize from her pouch was radiocarbon dated, revealing it was as old as the second half of the 15th century, indicating her burial likely predated Columbus’s arrival — and the Spanish conquest of the Inca.

Museum documents also revealed that throughout

the first half of the 20th century she was prominently displayed in early iterations of the MSU Museum, all over campus through the 1970s. As societal sentiments toward the display of human remains in the U.S. changed, Lovis became part of a group of museum curators who successfully recommended she be taken off display. Bill initiated discussions with then acting MSU Museum director Lora Helou about repatriating the mummy and her associated burial objects to Bolivia. Helou agreed, catalyzing an effort starting in 2016 that took him through his consulting year and into retirement.

Surmounting multiple national and institutional bureaucracies, MSU administrative changes, language differences, documentation protocols and working through ethical and legal issues presented an ongoing series of daunting challenges — only accomplished with the assistance of colleagues Jose Capriles, Allison Davis and David Trigo. Dr. Lovis attended the October 26, 2018 MSU Board of Trustees meeting, where they deaccessioned Ñusta and her funerary paraphernalia.

On January 22, 2019, Lovis witnessed her arrival on Bolivian soil in the United States, which coincided with the annual anniversary celebration of the Plurinational State of Bolivia, and included a reception with the young lady in prominent view, an indigenous Aymara ceremony, members of the Bolivian delegation. After 129 years, on the anniversary of the Plurinational State of Bolivia, MSU’s “Bolivian mummy” has been repatriated to her home nation and people. We thank Dr. Lovis for his tireless dedication to the MSU community.

Dr. Ethan Watrall Receives DEADDA Grant

The Department of Anthropology is pleased to announce that Assistant Professor Ethan Watrall is part of a team recently awarded a European Cooperation of Science & Technology grant for the Saving European Archaeology from the Digital Dark Age (SEADDA) Project. It is designed to make archaeological data open and freely accessible a priority across Europe because the digital realm lacks appropriate, persistent repositories. Due to the fragility of digital data and the non-repeatable nature of most archaeological research, we are poised to lose a generation of research to a “digital dark age.” Mitigating this crisis will bring archaeologists and data management specialists together to share expertise and create resources

allowing them to address problems in the most appropriate way within their own countries.

The SEADDA Project, based at the University of York (UK) and made up of scholars from 26 countries, addresses these challenges by establishing a priority research area in the archiving, dissemination, and open access re-use of archaeological data. It brings together an interdisciplinary network of archaeologists and computer scientists; experts in archaeological data management and open data dissemination and re-use. It will allow researchers to share knowledge and create dialogue within their countries and move forward to address the crisis.

Featured Faculty, Dr. Kurt Rademaker



Dr. Kurt Rademaker

Dr. Kurt Rademaker started with MSU Anthropology in Fall of 2018. His research focuses on human biogeographic expansion into the Andes mountains and adds to our understanding of the timing and routes of initial human settlement of the Americas and the role of ecological variability in driving human adaptations and in

understanding the relationships between humans and their environments. Learning about the human past is essential for understanding the history and evolution of the environments we inhabit.

Dr. Rademaker's current projects include excavations of archaeological sites from the Pacific Coast to the high Andes, as well as surveys in remote, unexplored areas to discover new sites. Archaeological sites indicate that people were connected over large areas, his research seeks to understand when and how those connections formed, how they functioned and were sustained over time. His work collaborates with physical anthropologists, paleogeneticists and earth scientists to study what past environments were like and how these have changed over time. It is thrilling to think about the first groups of people moving into new and uninhabited continents.

Kurt's team has discovered that ice age environments in the Andes were not as hostile as people used to think and that early Americans could settle these high mountain environments at the end of the last ice age. His work has been featured in popular media outlets such as National Geographic, the BBC, the Wall Street Journal, the New York Times, the Smithsonian, Sapiens, and many others. He feels it is important to share these discoveries with the global public. His work examines long-term Andean environmental change and its impact on past humans. He hopes what he learns will prove useful for current and future Andean people as they cope with climatic change.

Currently, Dr. Rademaker is expanding beyond southern Peru to build transects of archaeological sites and paleoenvironmental records along the Andes. This work will allow them to explore variability in environmental change and human adaptive patterns. He is excited to be a part of a strong Anthropology department with excellent, supportive faculty and a vibrant community of graduate and undergraduate students. One of his favorite things about his work is that every day has the potential of discovering something new that no one has ever learned before. This is true both in the field and the lab.

Dr. Rademaker became interested in anthropology when he took an intro class as an undergraduate student at the University of Kentucky. By the time he took his second class, Introduction to Archaeology, he was hooked. That initial interest just deepened with time, after a field school and working in cultural resource management, leading him to pursue his PhD from the University of Maine in 2012. Outside of his work, Kurt loves exploring the outdoors with his wife Erica and their dog Cowboy and are glad to live in a state with lots of nature and opportunities for canoing, hiking, camping. In the Andes and elsewhere he loves climbing high mountains and some of his other hobbies include motorcycles and gardening.

Kurt has two new publications in preparation on the site formation of Cuncaicha rock-shelter and the digital cranial reconstruction of a 9000-year-old Andean highlander referred to as the Lady of Cuncaicha. We welcome Dr. Rademaker and look forward to more exciting research. For more information about his work, check out his working group's website: www.paleoandes.com

Dr. Rademaker's Team at Cuncaicha Rock-shelter



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Kalman Receives Gil-Chin Award

Dr. Hourani Receives Grants

Najib Hourani, Assistant Professor in both Anthropology and Global Urban Studies, received a Fulbright Fellowship and a Council of American Overseas Research Centers Senior Scholar Fellowship for his new research project working with Syrian refugees in Jordan. His project seeks to understand their needs and aspirations for the reconstruction of their neighborhoods, towns, and cities. The project, entitled Toward a Positive Peace?: Urban Reconstruction in Syria, will have him conducting research in Jordan from August 2019-August 2020, with funded follow up work the summer of 2021.

Congratulations to Dr. Hourani!



Share Your Updates With Us

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