

Curriculum Vitae

George D. Kamenov

Department of Geological Sciences
University of Florida
241 Williamson Hall, P.O. Box 112120
Gainesville, FL 32601
Email: kamenov@ufl.edu
Phone: (352) 846-3955

PROFESSIONAL PREPARATION

Ph.D. Geology, University of Florida, 2000-2004;
M.S. Geology, Florida International University, 1998–2000;
B.Sc. Geology, Sofia University, Bulgaria, 1991–1996;

APPOINTMENTS

2018-present: *Senior Associate in Geological Sciences*, University of Florida, Gainesville, Florida
2011-2018: *Associate In Geological Sciences*, University of Florida, Gainesville, Florida
2005-2011: *Assistant In Geological Sciences*, University of Florida, Gainesville, Florida
2000-2004: *Alumni Fellow*, University of Florida, Gainesville, Florida
1998-2000: *Teaching Assistant*, Florida International University, Miami, Florida
1997-1998: *Geologist*, Central Laboratory of Mineralogy and Crystallography (Bulgarian Academy of Sciences), Sofia, Bulgaria

PROFESSIONAL MEMBERSHIP

Geological Society of America; American Geophysical Union;
The Geochemical Society; Society of Economic Geologists;

STUDENT COMMITTEES SERVED

Benjamin Valentine (M.S.) 2006-2007; Elodie Bourbon (M.S.) 2007-2008; Chandranath Basak (Ph.D.) 2007-2011; Roy Moutusi (Ph.D.) 2007-2009; Mary-Beth Day (M.S.) 2008-2009; Dorsey Wanless (Ph.D.) 2010; Derrick Newkirk (Ph.D.) 2009-2012; Dylan Miner (M.S.) 2009-2011; Melania Lopes-Castro (Ph.D.) 2009-2013; Benjamin Valentine (Ph.D.) 2013; Susanna Blair (Ph.D.) 2010-2014; Amy Brown (Ph.D.) 2011-2015; Chandler Turner 2011-2012; Dylan Loss (M.S.) 2012-2013; Traci Van Deest (Ph.D.) 2012-2014; Liotta Noche-Dowdy (M.S., USF) 2013-2015; Kate Kolpan (Ph.D.) 2014-2017; Kelly Duering 2016; Charelle Trim (M.S.) 2014-2015; Karastin Katusin 2015-2017; Liotta Noche-Dowdy (Ph.D., USF) 2016-present; Gennifer Goad (M.S., USF) 2017-2019; Angel Barbosa Espitia (Ph.D.) 2017-2020; Amanda Friend (PhD) 2018-2020; Cynthia Hotujec-Kantner (PhD) 2017-present; Meridith Miska (M.S.) 2018-2023; Emory Gawlick (M.S) 2019-2020; Benjamin Swaringen (PhD) 2019-2023; Katherine Bermudez (M.S.) 2019-2021; Kylie Williamson (PhD) 2020-2022; Molly Anderson (PhD) 2020-2023; Elizabeth Pesar 2020-present; Lily Georgievski (M.S.) 2023-2024;

FELLOWSHIPS, AWARDS, GRANTS

National Priorities: Transdisciplinary Research into Detecting and Controlling Lead in Drinking Water. EPA, 294,779\$, 2018-2024, Co-PI;

Early Career: Acquisition of a MC-ICP-MS for Research and Education in U-series Geochemistry and Applications in Geosciences. NSF, around 700,000\$, July 2017, Senior Personnel (funding to purchase new MC-ICP-MS)

“Brian J. Skinner” award for outstanding paper by SEG in 2015 (co-author on Economic Geology paper by Cornel et al. 2014).

Where are Florida’s “lost-year” green turtles? Using trace elements to address the mystery. Co-PI (zoology Karen Bjorndal main PI). Florida Sea Turtle Grants Program, 20,790\$, 2009-2011;

Further Refinement of India’s Proterozoic Paleogeography and Geochronology. Co-PI, NSF, 188,090\$, 2009-2012;

Magmatism and mineralization in the Owyhee Mountains, ID: A case study of Mid-Miocene epithermal Au-Ag ores and the emergence of the Yellowstone Hotspot.

Collaborator, NSF, 2009-2011;

Alumni Fellowship, University of Florida, 2000-2004;

Deciphering mantle and crustal controls on magma petrogenesis in an island arc environment, GSA student research grant, 2003;

Outstanding academic accomplishment, University of Florida, 2001;

SYNERGISTIC ACTIVITIES

Search Committee Member for the Geochemistry Assistant Professor position (Fall, 2023-present);

Member of the CLAS Nominating Committee, 2021-2023;

Search Committee Member for the Engineer III position (Fall 2021 – Spring 2022);

Search Committee Member for the Geochemistry Assistant Professor position (Fall, 2017-Spring, 2018);

“Rocks and Minerals” presentation in C.W. Norton Elementary School for five 4th grade classes (2/1/2017) and Glen Springs Elementary School for two classes (2/8/2017).

Forensic Scientist: for the 2nd Annual “Art of Forensics – solving Florida cold cases” outreach event at USF with Florida Law Enforcement agencies. October 21, 2016.

Forensic Scientist: for “The Arts of Forensics – solving Florida cold cases” outreach event at USF with Florida Law Enforcement agencies. October 16, 2015.

Mentor: SSTP (Student Science Training Program) in University of Florida; advisor and co-advisor for a number of high-school students during the summer (8 years, last in summer of 2014);

Participant in SEAGEP (South East Alliance for Graduate Education and Professoriate) program as a minority student mentor - summer 2008;

Judge: student conference presentations at 2005 AGU Fall Meeting;

Judge: student posters at 2014 Graduate Student Research Day UF;

Participant in national and international laboratory certifications of standards: Bone Pb standards for New York State Department of Health (2006); Fossil bone standard (2007);

Zircon U-Pb standard (2008); IRMM wine standard for Sr isotopes (2008);

Commencement Marshal for Spring 2023 undergraduate ceremony graduation;
Commencement Marshal for 2018 Master's/Specialist's ceremony graduation;
Graduation Marshal for 2014 PhD graduation;
Commencement Marshal for 2009 undergraduate graduation;

Reviewer: National Science Foundation; Geology; Geochemistry, Geophysics, Geosystems; Geochimica et Cosmochimica Acta; Chemical Geology; Contributions to Mineralogy and Petrology; Earth and Planetary Science Letters; Journal of Geochemical Exploration; Minerals; Environmental Science and Technology; Science of the Total Environment; Environmental Geology; Gondwana Research; Latin American Antiquity; Journal of Paleolimnology; Journal of Archaeological Science; Journal of Forensic Sciences; Marine Environmental Research; Journal of Archaeological Methods and Theory; Geosciences Journal; International Journal of Environmental Research and Public Health; Chemosphere; International Journal of Osteoarchaeology; American Journal of Physical Anthropology; Archaeometry; PNAS; PlosOne; Anthropocene; Scientific Reports;

INVITED TALKS/SEMINARS

2021 October, Max Plank Institute (Germany), (seminar via zoom);
2018 September, Department of Earth Sciences, University of Arkansas at Little Rock webinar;
2017 February, Oak Hammock at the University of Florida, Institute for Learning in Retirement seminar;
2015 September, University of Florida, Department of Geological Sciences seminar;
2014 April, Colorado School of Mines, Department of Geology and Geological Engineering seminar;
2013 May, Oregon State University, CEOAS seminar;
2013 March, University of Nevada Las Vegas, Department of Geoscience seminar;
2013 February, Florida International University, Department of Earth & Environment seminar;
2011 October, USF/Medical Examiner, talk for Florida Cold Cases;
2011 September, University of Florida, Department of Geological Sciences seminar;
2007 September, University of Florida, Department of Geological Sciences seminar;
2006 September, Auburn University, Department of Geology and Geography seminar;
2006 February, University of Florida, Department of Geological Sciences seminar;

PRESS RELEASES

2018 Laboratory Equipment: “Maya Dogs Were Traded Across Far-Flung Territory, Study Shows.” <https://www.laboratoryequipment.com/news/2018/03/maya-dogs-were-traded-across-far-flung-territory-study-shows>

2016 UF News: “Old teeth, new stories.” <https://universityofflorida.exposure.co/old-teeth-new-stories>

2015 UF News: “Tales teeth can tell: Dental enamel reveals surprising migration patterns in ancient Indus civilizations.”

2014 UF News: “Lead in teeth can tell a body’s tale, UF study finds.” Interviewed for Reuters and featured as: “Lead in teeth holds secrets of person's origins, research shows.”

2013 The Analytical Scientist: “CSI: Geographical jigsaw.”

2012 The New York Times: “A Jane Doe Gets a Back Story”. Press-release related to my GSA Fall 2012 talk.

2012 UF Explore Magazine: “Heating up Cold Cases.”

2011 UF News: “Long distance: Research shows ancient rock under Haiti came from 1,000+ miles away”; Interview for WCJB-TV20 (ABC) aired on July 12, 2011 6 PM News; Explore Magazine (UF): “Lava Deposits Reveal Haiti’s Geological Roots”

2009 ETH Life: “What do dinosaurs and the Maya have in common?”

2008 Science News Magazine: “Machu Picchu’s far-flung residents”;

2008 National Geographic News: “India Basins Half a Billion Years Older Than Thought”;

2006 UF News: “At an underwater volcano, evidence of man’s environmental impact”; Alligator: “Pollution scars ocean floor”; Corriere Della Sera (in Italian): “Un complesso studio dei geologi dell’Università della Florida Il Tirreno è inquinato dal piombo australiano C’è arrivato tramite il piombo che veniva addizionato alle benzine prima dell’introduzione della cosiddetta benzina verde”

2004 UF News: “UF geologists: new technique sheds light on Maya history”

WORKSHOPS

Kamenov, G.D., and Dowdy, L.N. Geochemical profiling for mobility, birth origins, and diet. **workshop 9:** Forensic Anthropology and Cold Case Investigations: Breaking the Ice, AAFS 67th Annual Meeting, **Feb.16-21, 2015**, Orlando, FL.

Hetherington, A., Kamenov, G.D., Curtis, J. 2015, Presented a poster for the analytical facilities in our department at the “UF Core Facilities” workshop on March 5, 2015.

PUBLICATIONS

Peer-reviewed:

Sharpe, A.E., Palomo, J.M., Inomata, T., Triadan, D., Pinzón, F., Curtis, J., Emery, K., **Kamenov, G.**, Krigbaum, J., MacLellan, J., Weihmüller, M.P., 2024, An Isotopic Examination of Maya Preclassic and Classic Animal and Human Diets at Ceibal, Guatemala. *Journal of Archaeological Science: Reports* (in press);

Velasco, M., **Kamenov, G.D.**, and Krigbaum, J., 2024, Embodied Places: Theorizing Locality, Identity, and Isotopes in the Ancient Andes. *Bioarchaeology International*, (in press);

Mathur, R., Powell, W., Miśta-Jakubowska, E., Duczko, W., Czech-Błońska, R., Błoński, M., Janowski, A., Żołędziowski, K., Jagodziński, M., Gójska, A., and **Kamenov, G.**, 2024, Isotopic metal compositions of Viking and medieval tin artifacts from Poland reveal expansive trade network. *Journal of Archaeological Science: Reports*. <https://doi.org/10.1016/j.jasrep.2023.104296>

- Reclaw, J., Sierpien, P., Karasinski, J., **Kamenov, G.**, Powell, W., Marciniak-Maliszewska, B., and Kalaska, M., 2024, The origin of lead artifacts from Novae: applications of Pb isotopes in identifying the provenance of Roman artifacts from N. Bulgaria. *Heritage Science*, <https://doi.org/10.1186/s40494-024-01151-2>
- Kamenov, G.D.**, Swaringen, B.F., Cornwell, D.A., McTigue, N.E., Roberts, S.M., and Bonzongo, J.C., 2023, High-precision Pb isotopes of drinking water lead pipes: Implications for human exposure to industrial Pb in the United States. *Science of the Total Environment*; doi.org/10.1016/j.scitotenv.2023.162067
- Kamenov, G.D.**, and Krigbaum, J., 2023, Pb isotopes and human mobility: natural, cultural, or diagenetic signal? In: Price, D. (ed) *Isotopic Provenancing and Mobility. The Current State of Research*. Interdisciplinary Contributions to Archaeology, p.163-185; https://doi.org/10.1007/978-3-031-25722-3_7
- Melchiorre, E., Mathur, R., **Kamenov, G.**, and Paredes, J., 2023, Geochemical overprinting and secondary placer crystal formation in the La Cholla district, Quartzsite, Arizona, USA: Evidence from copper isotopes, morphology, and trace elements. *Minerals*, 13(11), 1444; <https://doi.org/10.3390/min13111444>
- Castellanos D., DiGangi, E.A., Bethard, J., **Kamenov, G.**, Gonzales-Colmenares, G., and Sanabria, C., 2023, Assessment of Carbon, Oxygen, Strontium, and Lead Isotopic Variation in Modern Colombian Teeth: An Application to Human Identification. *Journal of Forensic Sciences*, <https://doi.org/10.1111/1556-4029.15372>
- Meert, J.G., Miller, S.R., Singha, A., Pivarunas, A., Pandit, M., Mueller, P., Sinha, A., **Kamenov, G.D.**, Kwafo, S., and Singha, A., 2023, Paleomagnetism and Geochronology of the Gwalior Sills, Bundelkhand Craton, Northern India Block: New Constraints on Greater India Assembly. *Gondwana Research*, <https://doi.org/10.1016/j.gr.2023.08.004>
- Botero, M., Vinasco, C., J., Restrepo-Moreno, S., Foster, D., **Kamenov, G.D.**, 2023, Caribbean–South America interactions since the Late Cretaceous: insights from zircon U-Pb and Lu-Hf isotopic data in sedimentary sequences of the northwestern Andes. *Journal of South American Earth Sciences*, <https://doi.org/10.1016/j.jsames.2023.104231>
- Miller, S.R., Meert, J.G., Pivarunas, A.F., Sinha, A.K., Pandit, M.K., Mueller, P.A., and **Kamenov, G.D.**, 2023, The drift history of the Dharwar Craton and India from 2.37–1.01 Ga with refinements for an initial Rodinia configuration. *Geoscience Frontiers*, <https://doi.org/10.1016/j.gsf.2023.101581>
- Dekov, V.M, Yasuda, K., **Kamenov, G.**, Yasukawa, K., Guéguen, B., Kano, A., Yoshimura, T., Yamanaka, T., Bindi, L., Okumura, T., Koski, R.A., Asael, D., Araoka, D., Kato, Y., 2023, Mn-carbonate deposition in a seafloor hydrothermal system (CLAM field, Iheya Ridge, Okinawa Trough): Insights from mineralogy,

geochemistry and isotope studies. *Marine Geology*,
<https://doi.org/10.1016/j.margeo.2023.107055>;

Chadwick, J., Chadwick, C., and **Kamenov, G.**, 2023, Compositional Evolution of Polygenetic Fissure Volcanic Systems: Insights from the Latest Eruptions at Craters of the Moon Volcanic Field. *Geochemistry, Geophysics, Geosystems*, 24, e2022GC010740. <https://doi.org/10.1029/2022GC010740>

Sharpe, A., **Kamenov, G.**, Krigbaum, J., 2022, Assessing the Applicability of Lead Isotope Data on Animal Teeth in the Maya Region. In: Sharpe, A. and Krigbaum, J. (Eds), *Isotope Research in Zooarchaeology Methods, Applications, and Advances*, University Press of Florida, Gainesville, FL, p.149-174.

Dekov, V.M., Kyono, K., Yasukawa, K., Gueguen, B., Ivarsson, M., **Kamenov, G.D.**, Yamanaka, T., Asael, D., Ishida, M., Cavalcante, L.L., Kato, Y., Toki, T., and Ishibashi, J.I., 2022, Mineralogy, geochemistry and microbiology insights into precipitation of stibnite and orpiment at the Daiyon-Yonaguni Knoll (Okinawa Trough) hydrothermal barite deposits. *Chemical Geology*,
<https://doi.org/10.1016/j.chemgeo.2022.121092>

Gürsu, S., Köksal, S., Möller, A., **Kamenov, G.D.**, Göncüoğlu, M.C., Hefferan, K., Mueller, P.A., Kozlu, H., 2022, Combined U-Pb ages and Lu-Hf systematics of detrital zircons from Early Cambrian Gondwanan siliciclastic rocks in S Turkey: Provenance and correlations with coeval successions in peri-Gondwanan terranes. *Gondwana Research*, 107, p.423-450;

Kałaska, M., Mathur, R., **Kamenov, G.**, Chyla, J., Prządka-Giersz, P., and Giersz, M., 2022, Deciphering the origin of small metal artifacts from Castillo de Huarmey (Peru) with Pb, Cu, and Ag isotopes. *Archaeometry*, 64, 1168-1186;

Sharpe, A.E., Arroyo, B., Wright, L.E., Ajú, G., Estrada, J., **Kamenov, G.D.**, Serech, E., and Zavodny, E., 2022, Comparison of human and faunal enamel isotopes reveals diverse paleodiet and exchange patterns at the highland Maya site of Kaminaljuyu, Guatemala. *Archaeological and Anthropological Sciences*, 14:29
<https://doi.org/10.1007/s12520-021-01498-8>

Swaringen, B.F., Gawlik, E., **Kamenov, G.D.**, McTigue, N.E., Cornwell, D.A., and Bonzongo, J.C., 2022, Children's exposure to environmental lead: A review of potential sources, blood levels, and methods used to reduce exposure. *Environmental Research*, <https://doi.org/10.1016/j.envres.2021.112025>

Juengst, S.L., Hundman, B., Krigbaum, J., and **Kamenov, G.D.**, 2021, Exploring dental modification from coastal Ecuador from an unprovenanced museum collection. *Bioarchaeology International*, doi.org/10.5744/bi.2020.0012

- Reinberger, K.L., Reitsema, L.J., Kyle, B., Vassallo, S., **Kamenov, G.**, and Krigbaum, J., 2021, Isotopic evidence for geographic heterogeneity in Ancient Greek military forces. Plos One, <https://doi.org/10.1371/journal.pone.0248803>
- Scaffidi, B.K., **Kamenov, G.D.**, Sharpe, A.E., Krigbaum, J., 2021, Non-local enemies or local subjects of violence?: Using strontium ($^{87}\text{Sr}/^{86}\text{Sr}$) and lead ($^{206}\text{Pb}/^{204}\text{Pb}$, $^{207}\text{Pb}/^{204}\text{Pb}$, $^{208}\text{Pb}/^{204}\text{Pb}$) isobiographies to reconstruct geographic origins and early childhood mobility of decapitated male heads from the Majes Valley, Peru. Journal of Archaeological Method and Theory, <https://doi.org/10.1007/s10816-021-09519-5>.
- Sharpe, A.E., Smith-Guzmán, N., Curtis, J., Isaza-Aizpurúa, I., **Kamenov, G.D.**, Wake, T.A., and Cooke, R.G., 2021, A preliminary multi-isotope assessment of human mobility and diet in Pre-Columbian Panama. Journal of Archaeological Science Reports, <https://doi.org/10.1016/j.jasrep.2021.102876>.
- Dekov, V.M., Guéguen, B., Yamanaka, T., Moussa, N., Okumura, T., Bayon, G., Liebetrau, V., Yoshimura, T., **Kamenov, G.**, Araokai, D., Makita, H., and Sutton, J., 2021, When a mid-ocean ridge encroaches on a continent: Seafloor-type hydrothermal activity in Lake Asal (Afar Rift). Chemical Geology, <https://doi.org/10.1016/j.chemgeo.2021.120126>.
- Chadwick, J., Schwartz, M., Mclane, D., Collins, E., and **Kamenov, G.**, 2020, Compositional heterogeneity of the 3.4 km³Blue Dragon flow, Craters of the Moon Volcanic Field, Idaho. Journal of Volcanology and Geothermal Research, 388, doi.org/10.1016/j.jvolgeores.2019.106690.
- Dekov, V.M., Maynard, B., **Kamenov, G.D.**, Rouxel, O., and Juranov, S., 2020, Origin of the Oligocene manganese deposit at Obrochishte (Bulgaria): Insights from C, O, Fe, Nd, Pb, and Sr isotopes. Ore Geology Reviews, 122, doi.org/10.1016/j.oregeorev.2020.103550.
- Picca, A., Saini, S., Mankowski, R.T., **Kamenov, G.**, Anton, S.D., Manini, T.M., Buford, T.W., Wohlgemuth, S.E., Xiao, R., Calvani, R., Coelho-Junior, H.J., Landi, F., Bernabei, R., Hood, D.A., Marzetti, E., and Leeuwenburgh, C., 2020, Altered expression of mitoferrin and frataxin, larger labile iron pool and greater mitochondrial DNA damage in the skeletal muscle of older adults. Cells, 9, 2579; doi:10.3390/cells9122579.
- Carey, P.H., Hsu, S., Fares, C., **Kamenov, G.**, Ren, F., and Esquivel-Upshaw, J., 2020, The galvanic effect of titanium and amalgam in the oral environment. Materials, 13, 4425; doi:10.3390/ma13194425.
- Kamenov, G.D.**, Escobar, J., Arnold, T.E., Pardo-Trujillo, A., Gangoiti, G., Hoyos, N., Curtis, J.H., Bird, B.W., Velez, M.I., Vallejo, F., and Trejos-Tamayo, R., 2020,

Appearance of an enigmatic Pb source in South America around 2000 BP: anthropogenic vs natural origin. *Geochim. Cosmochim. Acta*, v.276, p.122-135.

Kepezhinskas, N., **Kamenov, G.D.**, Foster, D.A., and Kepezhinskas, P., 2020, Petrology and Geochemistry of Alkaline Basalts and Gabbroic xenoliths from Utila Island (Bay Islands, Honduras): Insights into Back - Arc Processes in the Central American Volcanic Arc. *Lithos*, v.352-353, <https://doi.org/10.1016/j.lithos.2019.105306>

Dekov, V.M., Darakchieva, V.Y., Billström, K., Garbe-Schönberge, C.D., **Kamenov, G.D.**, Gallinari, M., Dimitrov, L., Ragueneau, O., and Kooijman, E., 2020, Element enrichment and provenance of the detrital component in Holocene sediments from the western Black Sea. *Oceanologia*, v.62, p.139-163.

Chadwick, J., Schwartz, M., McLane, D., Collins, E., and **Kamenov, G.**, 2019, Compositional heterogeneity of the 3.4 km³ Blue Dragon flow, Craters of the Moon Volcanic Field, Idaho. *Journal of Volcanology and Geothermal Research*, v. 388, <https://doi.org/10.1016/j.jvolgeores.2019.106690>

Bird, B.W., Wilson, J.J., Escobar, J., **Kamenov, G.D.**, Pollard, H.J., and Monaghan, G.W., 2019, Pre-Columbian lead pollution from Native American galena processing and land use in the midcontinental United States. *Geology*, v.47, p.1193-1197.

Barbosa-Espitia, A., **Kamenov, G.D.**, Foster, D.A., Restrepo-Moreno, S.A., Pardo-Trujillo, A., 2019, Contemporaneous Paleogene arc-magmatism within continental and accreted oceanic arc complexes in the northwestern Andes and Panama. *Lithos*, v.348-349, <https://doi.org/10.1016/j.lithos.2019.105185>

Picca, A., Mankowski, R.T., **Kamenov, G.**, Anton, S.D., Manini, T.M., Buford, T.W., Saini, S.K., Calvani, R., Landi, F., Bernabei, R., Marzetti, E., and Leeuwenburgh, C., 2019, Advanced age is associated with iron dyshomeostasis and mitochondrial DNA damage in human skeletal muscle. *Cells*, 8, 1525; doi:10.3390/cells8121525

Osorio-Granada, E., Pardo-Trujillo, A., Restrepo-Moreno, S.A., Gallego, F., Munoz, J., Plata, A., Trejos-Tamayo, R., Vallejo, F., Barbosa-Espitia, A., Cardona-Sanchez, F.J., Foster, D.A., and **Kamenov, G.**, 2019, Provenance of Eocene–Oligocene sediments in the San Jacinto Fold Belt: Paleogeographic and geodynamic implications for the northern Andes and the southern Caribbean. *Geosphere*, 16, <https://doi.org/10.1130/GES02059.1>.

LeFebvre, M.J., deFrance, S.D., **Kamenov, G.D.**, Keegan, W.F., and Krigbaum, J., 2019, The zooarchaeology and isotopic ecology of the Bahamian hutia (*Geocapromys ingrahami*): Evidence for pre-Columbian anthropogenic management. *PLoS ONE* 14(9): e0220284. <https://doi.org/10.1371/journal.pone.0220284>;

Aronsen, G.P., Fehren-Schmitz, L., Krigbaum, J., **Kamenov, G.D.**, Conlogue, G., Warinner, C., Ozga, A.T., Sankaranarayanan, K., Griego, A., DeLuca, D.W., Eckels,

H.T., Byczkiewicz, R., Grurich, T., Pelletier, N., Brownlee, S., Marichal, A., Williamson, K., Tonoike, Y., Bellantoni, N.F., 2019, The Dead Shall Be Raised: Multidisciplinary Analysis of Human Skeletons Reveals Complexity in 19th Century Immigrant Socioeconomic History and Identity in New Haven, Connecticut. PLoS ONE, 14(9): e0219279. <https://doi.org/10.1371/journal.pone.0219279>;

Bickford, M.E., Mueller, P.A., Condie, K.C., Hanan, B.B., and **Kamenov, G.D.**, 2019, Ages and Hf isotopic compositions of detrital zircons in the Pinal schist: Provenance of the schist, tectonic setting of the Pinal Basin, and evidence for pre-1.7 Ga Paleoproterozoic crust in SW Laurentia. Precambrian Research, v.331, <https://doi.org/10.1016/j.precamres.2019.105374>

Brown, A.L., Martin, J.B., **Kamenov, G.D.**, Ezell, J.E., Sreaton, E.J., Gulley, J., Spellman, P., 2019, Trace metal cycling in karst aquifers subject to periodic river water intrusion. Chemical Geology, v.527, <https://doi.org/10.1016/j.chemgeo.2018.05.020>

Giovas, C.M., **Kamenov, G.D.**, and Krigbaum, J., 2019, $^{87}\text{Sr}/^{86}\text{Sr}$ and ^{14}C evidence for peccary (Tayassuidae) introduction challenges accepted historical interpretation of the 1657 Ligon map of Barbados. PLoS ONE 14(5):e0216458. <https://doi.org/10.1371/journal.pone.0216458>

Bloch, L., Wallis, N.J., **Kamenov, G.**, and Jaeger, J.M., 2019, Production origins and matrix constituents of spiculate pottery in Florida, USA: Defining ubiquitous St Johns ware by LA-ICP-MS and XRD. Journal of Archaeological Science: Reports, v.24, p.313-323.

Bickford, M. E., Satkoski, A. M., Samson, S. D., Wooden, J. L., Bauer, R. L., Schmitz, M. D., Mueller, P. A., and **Kamenov, G. D.**, 2019, Paleoarchaean Gneisses in the Minnesota River Valley and Northern Michigan, USA, in Earth's Oldest Rocks, second edition, (Ed. M.J. van Kranendonk, V.C. Bennett, J.E. Hoffmann), Elsevier, ISBN: 9780444639011, p.677-703.

Kamenov, G.D., 2018, ICP-MS and Material Analysis, in "The Encyclopedia of Archaeological Sciences", (Ed. Sandra L. López Varela), John Wiley & Sons, Inc., DOI: 10.1002/9781119188230.saseas0315., 4p.

Sharpe, A.S., Krigbaum, J., and **Kamenov, G.D.**, 2018, Mobility and Lead Isotopes, in "The Encyclopedia of Archaeological Sciences", (Ed. Sandra L. López Varela), John Wiley & Sons, Inc., DOI: 10.1002/9781119188230.saseas0385., 3p.

Krigbaum, J., **Kamenov, G.D.**, Van Voorhis, L., and Reid, B.A., 2018, Multi-isotopic analysis of the Red House Site skeletal remains: inferring paleodiet and paleomobility from recovered bones and teeth. in "An Archaeological Study of the Red House, Port of Spain, Trinidad and Tobago." (Ed. Basil A. Reid), The University of the West Indies Press, ISBN: 9789766406721, p.53-81.

- Kamenov, G.D.**, Lofaro, E.M., Goad, G., and Krigbaum, J., 2018, Trace elements in modern and archaeological human teeth: Implications for human metal exposure and enamel diagenetic changes. *Journal of Archaeological Science*, v.99, p.27-34.
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