

# Page Quinton

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## ACADEMIC APPOINTMENTS

Assistant Professor, SUNY Potsdam	2016-present
Graduate Research Assistant, The University of Missouri	2013-2016
Graduate Teaching Assistant, The University of Missouri	2010-2013

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## EDUCATION

<b>Ph.D.</b> -The University of Missouri	2012-2016
Advisor: Kenneth G. MacLeod	
<b>M.S. Geology</b> - The University of Missouri - Columbia	2010-2012
<b>B.S. Geology</b> ( <i>Summa Cum Laude</i> )- Columbus State University	2006-2010

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## PUBLICATIONS

**Quinton, P.C.**, Speir, L., Miller, J., Ethington, R., MacLeod, K.G., 2018. Extreme heat in the Early Ordovician, *PALAIOS*, 33, 353-360.

**Quinton, P.C.**, Law, S., MacLeod, K.G., Herrmann, A.D., Haynes, J.T., Leslie, S.A., 2018. Testing the early Late Ordovician cool-water hypothesis with oxygen isotopes from conodont apatite, *Geological Magazine*, 155, 1727-1741.

MacLeod, K.G., **Quinton, P.C.**, Sepúlveda, Negra, M.H., 2018. Post-impact, early Paleogene warming shown by oxygen isotopes in fish debris from El Kef, Tunisia, *Science*, 360(6396):1467-1469.

MacLeod, K.G., **Quinton, P.C.**, Bassett, D.J., 2017. Warming and increased aridity during the earliest Triassic in the Karoo Basin, South Africa, *Geology*, 45, 483-486.

Wright, Z., **Quinton, P.C.**, Martin, E., Leslie, S.A., MacLeod, K.G., Herrmann, A.D., 2017. Neodymium isotope ratios and a positive  $\delta^{13}\text{C}$  excursion: interpreting the connection between oceanographic and climate changes during the early Late Ordovician of Laurentia, *Stratigraphy*, 14, 443-456.

**Quinton, P.C.**, Leslie, S.A., Herrmann, A.D., MacLeod, K.G., 2016. Effects of extraction protocols on the oxygen isotope composition of conodont elements. *Chemical Geology*, 431, 36-43.

**Quinton, P.C.**, Herrmann, A.D., Leslie, S.A., MacLeod, K.G., 2016. Carbon cycling across the southern margin of Laurentia during the Late Ordovician. *Palaeogeography Palaeoclimatology Palaeoecology*, 458 (63- 76)

**Quinton, P.C.**, Percival, I.G., Zhen, Y.Y., MacLeod, K.G., 2015. Factors influencing conodont apatite  $\delta^{18}\text{O}$  variability in the Ordovician: a case study from New South Wales, Australia. *Stratigraphy*, 12 (3-4)

Hughes, K.P., MacLeod, K.G., Haynes, S.J., **Quinton, P.C.**, Ellen, M.E., Ethington, R., 2015. A paired neodymium and oxygen isotopic perspective on paleoceanographic changes across the Dubuque/Maquoketa contact in the Late Ordovician Laurentian Seaway. *Stratigraphy*, 12 (3-4)

**Quinton, P.C.**, MacLeod, K.G., 2014. Oxygen isotopes from conodont apatite of the midcontinent, US: Implications for Late Ordovician climate evolution. *Palaeogeography Palaeoclimatology Palaeoecology*, 404, 57- 66

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## CONFERENCE PAPERS

**Quinton, P.C.**, Percival, I.G., Zhen, Y.Y., MacLeod, K.G., 2015, Ordovician temperature trends: constraints from  $\delta^{18}\text{O}$  analysis of conodonts from New South Wales, Australia. 12<sup>th</sup> International Conference on the Ordovician System, *Stratigraphy* 12 (2), 61-66. Conference Paper

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## INVITED TALKS

**2016:** "Late Ordovician climate as inferred from stable carbon and oxygen isotopes" St. Lawrence University, Department of Geology

**2014:** "Constraining the Ordovician climate with stable isotopes"

James Madison University, Department of Geology and Environmental Sciences  
2013: "More fun with conodonts: telling the temperature of oceans in the Ordovician"  
New South Wales Geological Survey, Maitland, Australia

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### GRANTS/FELLOWSHIPS

2013: NSF East Asia and Pacific Island Summer Fellowship  
Australia, \$5000

### AWARDS

2016: UUP Professional Development Grant: \$1000  
2016: Department of Geological Sciences Outstanding Graduate Student Award  
2014: University of Missouri Graduate Professional Travel Award  
2013: James Stitt Memorial Fellowship and Maurice Mehl Geology Scholarship  
2013-2012: Walter D. Keller Scholarship  
2012-2011: Carl B. Rexroad Geology Scholarship  
2011: Wallace Howe Fellowship

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### REVIEWER

2017- present: GSA Bulletin  
2015- present: Paleogeography, Palaeoclimatology, Palaeoecology

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### PRESENTATIONS/ABSTRACTS

Quinton, P.C., Rygel, M.C., Levesque, E.R., 2018. Controls on carbon cycling in the Early Mississippian, Carbon isotopes from the Madison Group carbonates of Montana. Geological Society of America Abstracts with Programs. Vol. 50, No. 6

Miller, A.A., Schiffbauer, J.D., **Quinton, P.C.**, 2018. Late Ordovician phosphatic microfossil spheres from Rochester, Minnesota. NEGSA Abstracts with Programs, vol. 50 (2).

Keough, B.M., King, O.A., Stimson, M.R., **Quinton, P.C.**, Rygel, M.C., 2018, Sequence stratigraphy of the late Carboniferous Clifton Formation, New Brunswick. NEGSA Abstracts with Programs, vol. 50 (2).

Levesque, E.R., Rygel, M.C., **Quinton, P.C.**, 2018, Carbon isotopes and sea level history of the Madison Group Carbonates from Milligan Canyon, Montana. NEGSA Abstracts with Programs, vol. 50 (2).

- Herrmann, A.D., **Quinton, P.C.**, Martin, E.E., Leslie, S.A., MacLeod, K.G., Robinet, R.M., 2017, "GICE GICE baby- But was there ice. GSA Abstracts with Programs, vol. 49 (6).
- Quinton, P.C.**, Miller, J.M., Ethington, R.L., MacLeod, K.G., 2016, Early Ordovician climate fluctuations inferred from conodont oxygen isotopes. GSA Abstracts with Programs, vol. 48 (7).
- MacLeod, K.G., **Quinton, P.C.**, Sepúlveda, J., Negra, H., 2016, Temperature change across the Cretaceous/Paleogene boundary inferred from oxygen isotopic ratios in fish debris from El Kef, Tunisia. GSA Abstracts with Programs, vol. 48 (7).
- Law, S.E., Euker, B.C., Leslie, S.A., **Quinton, P.C.**, MacLeod, K.G., Herrmann, A.D., 2016, Testing the Late Ordovician pre-GICE warm water carbonate hypothesis in Alabama. Southeastern GSA Abstracts with Programs, vol. 48 (3).
- Quinton, P.C.**, MacLeod, K.G., Leslie, S.A., Herrmann, A.D., 2015, Inferences on conodont ecology from oxygen isotope paleothermometry. Midwest Geobiology. Oral
- MacLeod, K.G., **Quinton, P.C.**, Sepúlveda, J., 2015, Temperature change across the K/T boundary inferred from oxygen isotopic ratios in fish debris from El Kef, Tunisia. Midwest Geobiology.
- Quinton, P.C.**, Herrmann, A.D., Leslie, S.A., MacLeod, K.G., 2015, Evidence of warming during the early Katian- Conodont apatite  $\delta^{18}\text{O}$  and bulk carbonate  $\delta^{13}\text{C}$  records from the Upper Mississippi Valley, US. 12<sup>th</sup> International Conference on the Ordovician System, Stratigraphy 12 (2). Oral
- Quinton, P.C.**, Herrmann, A., Leslie, S., and MacLeod, K., 2014, Bulk carbonate  $\delta^{13}\text{C}$  record from Tidwell Hollow, Alabama: A search for the GICE in the southeast US. GSA Abstracts with Programs, vol. 46(7). Oral
- Hoppe, K.A., MacLeod, K.G., and **Quinton, P.C.**, 2014, Tracing migration patterns and climate change using isotope analyses of prehistoric bison bones and teeth. GSA Abstracts with Programs, vol. 46(7).
- Law, S., **Quinton, P.C.**, Leslie, S., MacLeod, K., and Herrmann, A., 2014, Carbonate  $\delta^{13}\text{C}$  and preliminary conodont  $\delta^{18}\text{O}$  from the upper Stones River Formation and lower Nashville Formation (Late Ordovician) near Gadsden, AL. GSA Abstracts with Programs, vol. 46(7).
- MacLeod, K.G., **Quinton, P.C.**, and Bassett, D.J., 2014, Oxygen isotopic record of dicynodont tusks across the Permo-Triassic boundary in the Karoo Basin, South Africa. GSA Abstracts with Programs, vol. 46(7).
- Quinton, P.C.**, MacLeod, K.G., 2012, Oxygen isotopes from conodont apatite of the mid-continent, US: Implications for the Late Ordovician Climate Evolution. GSA Abstracts with Programs, vol. 44(7). Poster