

CHRISTOPHER A. MCROBERTS
Curriculum Vitae

ADDRESS

Geology Department
State University of New York at Cortland
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Education

Ph.D. in Geology, December, 1994. Syracuse University. Dissertation Title: Selective Extinction of Bivalves and Ecostratigraphy across the Triassic-Jurassic Boundary in the Lombardian Alps, Italy.
M.S. in Geology, June 1990. University of Montana. Thesis Title: Systematic Paleontology, Biostratigraphy, and Paleoecology of Halobiid Bivalves from the Upper Triassic Martin Bridge Formation, Wallowa Terrane, Oregon.
B.S. in Geology, May, 1987. University of Wyoming.

ACADEMIC POSITIONS

Distinguished Professor. Geology Department, State University of New York at Cortland (2014-)
Professor. Geology Department, State University of New York at Cortland (2006-2014)
Associate Professor. Geology Department, State University of New York at Cortland (2003-2006)
Assistant Professor. Geology Department, State University of New York at Cortland (1997-2003)
Research Associate. Division of Paleontology, American Museum of Natural History, New York (1999-)
Research Associate. Department of Geological Sciences, Binghamton University (1996-)
Alexander von Humboldt Fellow. Paläontologie Institut, Universität Würzburg, Germany (1995-1997)

PROFESSIONAL POSTS

Board of Trustees, Paleontological Research Institution, Ithaca, NY (January 2021-present)
Curator, Bowers Hall Science Museum, SUNY Cortland. (January 2017-present)
Editor in Chief, *Albertiana*. The International Journal of Triassic Research. (December 2013-present)
Secretary General, IUGS, Subcommittee on Triassic Stratigraphy (2004-2020)
Co-Leader, International Geological Correlation Program Project 458 end-Triassic biotic events (2002-2005)
Acting Chair, SUNY Cortland Geology Department (2005-06, Fall 2007, and Fall 2009)
Chair, Northeast Section, Paleontological Society (2000-2002)

OTHER APPOINTMENTS AND AWARDS

Appointed SUNY Distinguished Academy (2014)
SUNY Chancellor's Award for Excellence in Scholarship and Creative Activities (2011)
Phi Kappa Phi Honor Society (2014-)
SUNY Cortland, Excellence in Research and Scholarship Award (2006)

SUNY Cortland, Outstanding Achievement in Research Award (2005)
SUNY Cortland, Excellence in Research and Scholarship Award (2003)
Paleontological Research Institution, Thomas J. Dutro Student Research Award (1994)
Newton Chute Award for Academic Achievement, Syracuse University (1994).
Hooker Award for Outstanding Dissertation Proposal, Syracuse University (1992).
Geological Society of America Outstanding Student Research Award (1992).

SIGNIFICANT COLLEGE SERVICE AND COMMITTEES

Chair, SUNY Cortland's Distinguished Professor Nomination Committee (2017-)
Director, SUNY Cortland's Undergraduate Research Council (2008-2017)
Member, President's Leadership Coalition for Student Engagement, SUNY Cortland (2009-2016)
Member, SUNY Cortland's Electronic Communications Advisory Group (2011-2019)
Member, SUNY Cortland's Chancellor's Award for Scholarship Nomination Committee (2012-2018)
Geology Representative to the Bowers Science Building Renovation Project (2009-2013)
Member, SUNY Cortland's Quantitative Skills Committee (2008-2013)
Chair, SUNY Cortland's College Research Committee (2000-2006)
Appointed Member and Chair, President's Task Force to Promote and Expand Research and Scholarship Through External Funding at SUNY Cortland (2001-2002)

COURSE NORMALLY TAUGHT

Historical Geology, Invertebrate Paleontology, Sedimentary Geology, Field Geology, Mass Extinctions.

PROFESSIONAL AFFILIATIONS

Paleontological Society, Palaeontological Association, Geological Society of America, SEPM (Society for Sedimentary Geology), National Center for Science Education, Sigma Gamma Epsilon

MEDIA AND PRESS

Research, publications, and opinion highlighted in multiple media outlets including: National Geographic News, Nature, Live Science, Seattle Times, Syracuse Post Standard, Cortland Standard, GSA Today.

INVITED LECTURES AND APPEARANCES

Invited keynote speaker, International Symposium on Triassic Integrated Stratigraphy and Bio-Environmental Events, 5th International Conference of Geobiology, Wuhan China (June, 2020, cancelled due to COVID-19 Pandemic)
Invited speaker, Nelson Lecture Series, Dept. of Earth Sciences, Syracuse University (January, 2019)
Invited keynote speaker, Brooks Museum Lecture Series, SUNY Cortland (November, 2016)
Invited Panelist: Evolution and the Fossil Record. Darwin Days Celebration: Cornell University and Museum of the Earth (February, 2014)
Invited Panelist: The Science Behind the Story: PBS's Nova depiction of Mass Extinction. Sponsored by WSKG (Binghamton's PBS affiliate), Museum of the Earth and SUNY Cortland. (April 3, 2012)
Invited keynote speaker, Paleontological Research Institute Summer Symposium (2011)
Invited speaker: Hobart & William Smith Colleges, Geology Seminar, Geneva, New York (April, 2011)
Invited speaker: Annual Meeting of the Science Teachers Association of New York (March, 2010)

Expert interview for Animal Planet television series “Animal Armageddon” (aired September 2009)
Invited speaker: Stanford University, Geology Seminar, Palo Alto, CA (May, 2009)
Invited speaker: University of British Columbia, Vancouver, Geosciences Seminar (November, 2007)
Invited speaker: Onondaga Community College, Geology Seminar (November, 2006)
Invited speaker: Mohawk Valley Community College, Science Seminar (2006)
Invited speaker: Natural History at Noon, Museum of the Earth and PRI, Ithaca (November 2005)
Invited speaker: University of Montana, Geology Seminar (2003)
Invited speaker: Binghamton University Geological Sciences Seminar Series (2003)
Invited speaker: San Diego State University, Geological Sciences Lecture Series (2001)
Invited speaker: Binghamton University, Geological Sciences Seminar (2000)
Invited speaker: Colgate University, Geosciences Seminar (March 2000)
Invited Speaker: University of Iowa, Seminar Series (1999).
Invited Speaker: University of Pittsburgh, Seminar Series (1998).
Invited Speaker: Binghamton University, Seminar Series (1996).
Invited Speaker: Universität Würzburg, Geoscience Colloquium Series (1995).

GRADUATE COMMITTEES SERVED

PhD committee: Patrick Wall, Syracuse University (awarded PhD 2009)
M.Sc. committee: Laura Stafford, Syracuse University (awarded MSc 2004)

SIGNIFICANT MENTORING AND RESEARCH WITH STUDENTS

Alexander Sobus (B.S. 2021). Latitudinal biodiversity gradients of Mesozoic and Cenozoic squamate reptiles.

Cooper Malanoski (B.S. 2019). Burial diagenesis and geothermobarometry from Lower Devonian Heldebergian strata, eastern and central New York.

Gavin Davidson (B.S. 2019). Latitudinal biodiversity gradients of late Paleozoic and early Mesozoic synapsids.

Brynn Crocker (antic. B.S. 2021). Feeding behavior of *Zoophycus* from the Early Devonian Oriskany Formation of eastern New York

Shaolin Censullo (B.S. 2018). Taphonomy of *Triarthrus* trilobite assemblages from the Ordovician Utica Shale, central New York.

Tiffany Leone (B.S. 2018). Mineralogical and stereom microstructure of pink crinoids from the Becraft Formation, eastern New York.

Taylor Buckley (B.S. 2018). Hypercalicifying megalodontoid bivalves and the end-Triassic mass extinction.

Joseph Cataldo (B.S. 2016). Accelerated faunal turnover and evolutionary rates following mass extinction events.

Michelle TenEyck (MAT. 2014). Morphometrics of the Devonian bivalve *Actinopteria*.

Jeri Burke (B.S. 2013). Original color spots in phacopid trilobites from the Devonian of western New York.

Carolyn Furlong (B.S. 2012). Commensal sponge and worm boring traces on brachiopod hosts from the Middle Devonian of central New York.

Robert Hornung (B.S. 2010). Paleocology of shelly accumulations from a well-preserved fossil locality of the Middle Devonian Ludlowville Formation of central New York

Jonathon Zabron. (B.S. 2009). Faunal change across the end-Triassic mass extinction in the Lombardian Alps of northern Italy

Kathrine Newman (2008). SEM analyses of skeletal microstructure of silicified bivalve fauna from the Upper Triassic of southeastern Alaska,

Adriel Shea (B.S. 2007). Two projects: (1) Faunal change across the end-Triassic mass extinction in the Northern Calcareous Alps of Austria, (2) Rhaetian (Late Triassic) *Monotis* (Bivalvia: Pectinoida) from the eastern Northern Calcareous Alps (Austria) and the end-Norian crisis in pelagic faunas.

Jason Smith (B.S. 2006). Shell bed genesis and taphonomy of a well-preserved fossil locality of the Middle Devonian Ludlowville Formation of central New York

James Morgenthau (B.S. 2005). Bivalve diversity of the Triassic of Atigun Gorge, Arctic Alaska

Emily Hopkin (B.S. 2005). Two projects: (1) A new Middle Triassic "flat clam" from the Middle Triassic of western Nevada; (2) bivalve diversity of the Upper Triassic of southeastern Alaska

Jeffery Shanner (B.S. 2001). Bivalve diversity of the Upper Triassic of British Columbia, Canada

MEETINGS AND SYMPOSIA CHAIRED AND/OR ORGANIZED

Session Chair: International Symposium on Triassic Integrated Stratigraphy & Bio-Environmental Events, 5th International Conference of Geobiology, Wuhan, China, June, 2020 [meeting canceled]

Chaired session and scientific committee: International Union of Geological Sciences, Symposium on New Developments on Triassic Integrated Stratigraphy (Palermo, Italy, September, 2010)

Chaired session: International Union of Geological Sciences, Symposium on Triassic Bioevents and Biochronology (Goisern, Austria, October, 2008)

Organizing committee and chaired session: International Symposium on The Global Triassic (Albuquerque, NM, 2007)

Meeting co-organizer & volume editor. 79th New York State Geol. Assoc. Meeting (Cortland, NY, 2007)

Chaired session: International Symposium on Triassic-Jurassic Mass Extinction (Tata, Hungary, 10/05)

Keynote Speaker, International Symposium on Triassic Chronostratigraphy and Biotic Recovery (Chaohu, China, May, 2005)

Symposium and session chair: Symposium on Triassic-Jurassic Boundary Events. Catastrophes in Earth History, 32nd International Geological Congress (Florence, Italy, August 2004).

Session chair: Special Session Extinction Events, faunal turnovers and natural boundaries within and around the Late Triassic. Geological Association of Canada, Annual Meeting, (Vancouver, May, 2003)

Workshop organizer and session chair: International Geological Correlation Program, 2nd Field workshop on the end-Triassic Mass Extinction, (New York, NY, June 2003).

Session chair: Paleontological Society Sponsored Theme Session, Paleobiology and paleoecology of black shale faunas. Geological Society of America. (Burlington, VT, March, 2001)

Session chair: Paleontological Society Sponsored Theme Session on Taphonomy. Geological Society of America (New Brunswick, NJ, March, 2000).

GRANTS AWARDED AND PENDING (only those over \$1,000 listed)

\$ 120,000	<i>National Science Foundation (GEO/EAR, Sedimentary Geology and Paleontology. Collaborative Research: Integrated paleoecological and geochemical multiproxy redox history of a persistently hypoxic continental margin, Triassic of Arctic Alaska. Co-PI with Michael Whalen (Univ. Alaska, Fairbanks), Timothy Lyons (Univ. Calif., Riverside) Total award \$650,000 if fully funded.</i>	Pending submitted July, 2021
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\$ 6,969	SUNY Cortland Academic Program Innovation Grant, Major Upgrade to the Geology Department's X-ray Diffractometer for Hands-On Learning and Student and Faculty Research. Lead PI with co-PI. Robert Darling.	2016
\$ 3,700	<i>SUNY Cortland Faculty Research Program</i> . Diversity Dynamics and Paleocology of Late Triassic Megalodontoid bivalves from the Northern Calcareous Alps. Sole PI.	2015-2016
\$ 100,100	<i>National Science Foundation</i> . MRI: Acquisition of a Powder X-Ray Diffractometer to Enhance Faculty and Undergraduate Research and Education in Geology and Chemistry at SUNY Cortland. Lead PI, with co-PIs R. Darling, K. Downey, and D. Collins.	2009-2010
\$ 2,000	<i>Subcommission on Triassic Stratigraphy and Università di Palermo</i> . Travel grant.	2010
\$ 2,500	<i>Austrian Academy of Sciences and Austrian National Committee of the International Geologic Correlation Program</i> . Travel grant.	2009
\$ 50,900	<i>National Science Foundation (GEO/EAR)</i> . Bivalve Richness and Ecologic Diversity of the End-Triassic Mass Extinction: Faunal Analysis from the West-Tethyan, Lombardy, La Spezia and Kössen Basins (Italy and Austria). Sole PI.	2005-2007
\$ 46,000	<i>Petroleum Research Fund of the American Chemical Society</i> . Integrated biochronology and paleoecology of the Triassic bivalve <i>Halobia</i> from western North America. Sole PI.	2002-2005
\$ 12,000	<i>Alaska Division of Geology and Natural Resources</i> . Paleontology and biochronology of Upper Triassic Otuk Formation, Brooks Range, Alaska. Co-PI with M. Whalen (Univ. Alaska, Fairbanks) .	2003
\$ 50,000	<i>International Geological Correlation Programme, UNESCO</i> . Triassic/Jurassic boundary events: Mass extinction, global environmental change, and their driving forces. Co-PI with Jozsef Pálffy (Budapest) and Steven Hesselbo (Oxford)	2001-2005
\$ 2,328	<i>SUNY Cortland Faculty Research Program</i> . Biochronology of Triassic bivalve mollusks from the Peace River Foothills, northeastern British Columbia, Canada. Sole PI.	2001
\$ 2,778	<i>SUNY Cortland Faculty Research Program</i> . Temporal and ecologic controls in bivalve morphology: a morphometric analysis of <i>Actinopteria</i> from the Middle Devonian of central NY. Sole PI.	1998
\$ 59,575	<i>National Science Foundation (GEO/EAR)</i> . Spatio-Temporal Patterns of Taxonomic and Ecologic diversity of Marine Triassic Bivalve Molluscs of Western North America. Sole PI.	1998-2001

PEER REVIEW

Journals: *Nature Geoscience, Geology, Journal of Paleontology, PALAIOS, Paleobiology, Palaeogeography Palaeoclimatology Palaeoecology, Bulletins of American Paleontology, Journal of the Geological Society of London, Earth Science Reviews, Canadian Journal of Earth Science, American Geophysical*

Union, Paläontologische Zeitschrift, Paleobios, New Mexico Museum of Natural History Bulletin, Rivista Italiana di Paleontologia e Stratigrafia, Acta Palaeontologica Polonica, South American Journal of Earth Sciences, Paläontologische Gesellschaft, Journal of Geological Education.

External Funding Agencies: National Science Foundation, NASA Postdoctoral Program (Astrobiology Division), International Science Foundation, Petroleum Research Fund of the American Chemical Society, Resource Council Canada, Swiss Science Foundation, Sepkoski Fund of the Paleontological Society.

PUBLICATIONS (PEER-REVIEWED JOURNAL ARTICLES, BOOK CHAPTERS, AND EDITED VOLUMES)

(undergraduate student co-authors indicated with *)

- Caruthers, A.H., Marroquin, S., Groke, D., Golding, M., Them, T., Trabucho-Alexandre, J., Veenma, Y., Owens, J., McRoberts, C., Friedman, R., Trop, J., Szucs, D., Palfy, J., Benjamin, G., Aberhan, M., and Rioux, M. In press. New evidence for a long Rhaetian from a Panthalassan succession (Wrangell Mountains, Alaska) and regional differences in carbon cycle perturbations at the Triassic-Jurassic transition. *Earth and Planetary Science Letters*.
- McRoberts, C., Blodgett, R., and Bird, K. 2021. Middle and Upper Triassic bivalve biostratigraphy of the Shublik Formation from the Tenneco Phoenix #1 well, offshore central North Slope, Arctic Alaska. *New Mexico Museum of Natural History and Science Bulletin*, no. 82, p. 259-274.
- Jin, X. McRoberts, C., Shi, Z., Mietto, P., Rigo, M., Roghi, G., Manfrin, S., Franceschi, M., and Preto, N., 2018. The aftermath of the CPE and the Carnian/Norian transition in northwestern Sichuan Basin, South China. *Journal of the Geological Society*, vol. 176, p. 179-196.
- Nagel-Myers, J. McRoberts C. and *LaPoint, C., 2018. Ecophenotypic variability during times of evolutionary stasis in Middle Devonian *Actinopteria* (Bivalvia, Pterioidea) from New York. *Journal of Paleontology*, vol. 92 (3), p. 388-397.
- Khalil, H., McRoberts, C., Del Piero, N., Stanley G., Martini, R., and Riguad, S. 2018. New biostratigraphic constraints for the Martin Bridge Formation (Upper Triassic, Wallowa terrane, Oregon, U.S.A.). *Revue de Paléobiologie, Genève*, vol. 37 (1): 109-119.
- McRoberts, C.A. 2017. A silicified Late Triassic (Norian) bivalve molluscan fauna from the Alexander terrane, southeastern Alaska. *Bulletins of American Paleontology*, no. 391, 108 pp.
- Alsen, P., McRoberts, C., Bojesen-Koefoed, J., Hovikoski, J., Piasecki, S., and Svennevi, K., 2016. The Isrand Formation: a Middle Triassic *Daonella*-bearing, black shale unit in Kilen, North Greenland (with a note on the Triassic in Amdrup Land). *Newsletters on Stratigraphy*, vol. 50/1 (2017), 31-46.
- Balini, M. Jenks, J.F., Martin, R., McRoberts, C.A., Orchard, M.J., and Silberling, N.J. 2014. The Carnian/Norian boundary succession at Berlin-Ichthyosaur State Park (Upper Triassic, central Nevada, USA). *Paläontologische Zeitschrift*, doi. 10.1007/s12542-014-0244-2.
- Wotzlaw, J., Guex, J., Bartolini, A., Gallet, Y., Krystyn, L. McRoberts, C., Taylor, D., Schoene, B., and Schaltegger, U., 2014. Towards accurate numerical calibration of the Late Triassic: High-precision U-Pb geochronology constraints on the duration of the Rhaetian. *Geology*, vol. 42, p. 571-574.
- Druckenmiller, P., Kelley, N., Whalen, M., McRoberts, C. and Carter, J. 2014. An Upper Triassic (Norian) ichthyosaur (Reptilia, Ichthyopterygia) from northern Alaska and dietary insight based on gut contents. *Journal of Vertebrate Paleontology*, vol. 34, p. 1460-1465.

- *Furlong, C. and McRoberts, C.A. 2014. Commensal borings from the Middle Devonian of central New York: Ecologic and taxonomic review of *Clionoides*, *Clinolithes*, and *Canaliparva* n. ichnogen. *Journal of Paleontology*, vol. 88, p. 131-145.
- Hillebrandt, A.v Krystyn, L., Kürschner, W.M., Bonis, N.R., Ruhl, M., Richoz, S., Schobben, M.A.N., Urlichs, M., Bown, P.R., Kment, K., McRoberts, C.A., Simms, M. and Tomášových, A. 2013. The Global Stratotype Sections and Point (GSSP) for the base of the Jurassic System at Kuhjoch (Karwendel Mountains, Northern Calcareous Alps, Tyrol, Austria). *Episodes*, vol. 36, p. 162-198.
- McRoberts, C., Hegna, T., *Burke, J., *Stice, M. Mize, S. and Martin, M. 2013. Original spotted patterns on Middle Devonian phacopid trilobites from western and central New York. *Geology*, vol. 41, no. 5, p. 607-610.
- Rigo, M., McRoberts, C.A., Ciarapica, G., Giordano, N. and Bachan, A. 2013. New Stratigraphic, paleontologic and geochemical data around the Triassic-Jurassic boundary at Portovenere (Northern Apennines, Italy). p. 489-499, *In: Tanner, L., Spielmann, J. and Lucas, S. (eds.), The Triassic System. New Mexico Museum of Natural History and Science, Bulletin 61.*
- McRoberts, C. Krystyn, L., and Hautmann, M. 2012. Macrofaunal response to the end-Triassic mass extinction in the West-Tethyan Kössen Basin, Austria. *PALAIOS*, vol. 27, p. 607-616.
- Bachan, A., van de Schootbrugge, B., Fiebig, J., McRoberts, C.A., Ciarapica, G., and Payne, J.L. 2012. Carbon cycle dynamics following the end-Triassic mass extinction: Constraints from paired $\delta^{13}\text{C}_{\text{carb}}$ and $\delta^{13}\text{C}_{\text{org}}$ records. *Geochemistry, Geophysics, Geosystems*. vol. 13, doi:10.1029/2012GC004150.
- Di Stefano, P., McRoberts, C., Renda, P., Tripodo, A., Torre, A., and Torre, F., 2012. Middle Triassic (Ladinian) deep-water sediments in Sicily: New findings from the Madonie Mountains. *Rivista Italiana di Paleontologia e Stratigrafia*, vol. 118, no. 2, p. 1-12
- Carter, J. Harries, P., Malchus, N., Sartori, A., Anderson, L., Bieler, R., Bogan, A., Coan, E., Cope, J., Cragg, S., Garcia-March, J., Hylleberg, J., Kelly, P., Kleeman, K., Kriz, J., McRoberts, C., Mikkelsen, P., Pojeta, J. Temkin, I., Yancey, T., and Zierits, A. 2012, Illustrated Glossary of the Bivalvia, pp. 1-209, *In Selden, P. (ed.), Treatise on Invertebrate Paleontology, Part N, Revised, Mollusca 6, Bivalvia, Volume 1, Chapter 30, Treatise Online*, University of Kansas, Paleontological Institute.
- McRoberts, C.A. 2011. Late Triassic Bivalvia (chiefly Halobiidae and Monotidae) from the Pardonet Formation, Williston Lake area, northeast British Columbia, Canada. *Journal of Paleontology*, vol. 85, p. 615-666.
- Carter, J., (and 49 others). 2011. A Synoptical Classification of the Bivalvia (Mollusca): University of Kansas, Paleontological Institute, *Paleontological Contributions*, No. 4, p. 1-47.
- McRoberts, C.A. 2010. Biochronology of Triassic bivalves, p. 201-219. *In: Lucas S.G. (ed.) The Triassic Time Scale. Geological Society of London Special Publication*, No. 334.
- Zonneveld, J.-P., Beatty, T.W., Williford, K.H., Orchard, M.J., and McRoberts, C.A. 2010. Stratigraphy and sedimentology of the lower Black Bear Ridge section, British Columbia: Candidate for the base-Norian GSSP. *Stratigraphy*, vol. 7, p. 61-82.
- Ward, P.D. McRoberts, C.A., and Williford, K. 2009. Reply to comment on: "The organic carbon isotopic and paleontological across the Triassic–Jurassic boundary at the candidate GSSP section at Ferguson Hill, Muller Canyon, Nevada, USA" by Ward et al. (2007). *Palaeogeography, Palaeoclimatology, Palaeoecology*, vol. 273, p. 205-206.
- McRoberts, C.A., Krystyn, L. and *Shea, A. 2008. Rhaetian (Late Triassic) *Monotis* (Bivalvia: Pectinoida) from the eastern Northern Calcareous Alps (Austria) and the end-Norian crisis in pelagic faunas. *Palaeontology*, vol. 51, no. 3, p. 721-735.

- McRoberts, C.A. 2008. Rhaetian bivalves and the Norian/Rhaetian Boundary, p. 41-44, *In: Krystyn, L. and Mandl, G. W. (eds.), Upper Triassic Subdivisions, Zonations and Events. Berichte der Geologischen Bundesanstalt der Österreich, vol. 76.*
- Balini, M., Bertinelli, A., Di Stefano, P., Dumitrica, P., Furin, S., Gullo, M., Guaiumi, C., Hungerbuehler, A., Levera, M., Mazza, M., McRoberts, C.A, Muttoni, G., Nicora, A, Preto, N., and Rigo, M. 2008. Integrated stratigraphy of the Norian GSSP candidate Pizzo Mondello section (Sicani Mountains, Sicily), p. 23-25, *In: Krystyn, L. and Mandl, G. W. (eds.), Upper Triassic Subdivisions, Zonations and Events. Berichte der Geologischen Bundesanstalt der Österreich, vol. 76.*
- Levera, M. and McRoberts, C.A. 2008. Carnian/Norian halobiids from Pizzo Mondello section (Sicani Mountains, Sicily), p. 20-22, *In: Krystyn, L. and Mandl, G.W. (eds.), Upper Triassic Subdivisions, Zonations and Events. Berichte der Geologischen Bundesanstalt der Österreich, vol. 76.*
- Stanley G.D. Jr., McRoberts, C.A., and Whalen, M.T. 2008. Stratigraphy of the Triassic Martin Bridge Formation, Wallowa terrane: Stratigraphy and depositional setting, pp. 227–250. *In: Blodgett, R. B., and Stanley, G. D. (eds.) The terrane puzzle: New perspectives on paleontology and stratigraphy from the North American Cordillera. Geological Society of America Special Paper, vol. 442.*
- McRoberts, C.A., Ward, P. and Hesselbo, S.P. 2008. A proposal for the base Hettangian Stage (= base Jurassic System) GSSP at New York Canyon (Nevada, USA) using carbon isotopes. *International Subcommission on Jurassic Stratigraphy Newsletter, vol. 34. pp. 43-49.*
- Hesselbo, S.P., McRoberts, C.A., and Pálffy, J. (editors). 2007. Special Issue: Triassic—Jurassic Boundary Events. *Palaeogeography, Palaeoclimatology Palaeoecology, vol. 244, nos. 1-4, 423 p.*
- Hesselbo, S.P., McRoberts, C.A., and Pálffy, J. 2007. Triassic—Jurassic boundary events: Problems, progress, possibilities. *Palaeogeography, Palaeoclimatology, Palaeoecology, vol. 244, p. 1-10.*
- Ward, P.D., Garrison, G.H., Williford, K.H., Kring, D.A., Goodwin, D., Beattie, M.J., and McRoberts, C.A. 2007. The organic carbon isotopic and paleontological record across the Triassic-Jurassic boundary at the candidate GSSP section at Ferguson Hill, Muller Canyon, Nevada, USA. *Palaeogeography, Palaeoclimatology, Palaeoecology, vol. 244, p. 281-289.*
- Balini, M., Jenks, J., McRoberts, C.A. and Orchard, M. 2007. The Ladinian—Carnian boundary succession at South Canyon (New Pass Range, central Nevada). *New Mexico Museum of Natural History and Science Bulletin No. 40, p. 1-12.*
- McRoberts, C.A. (editor). 2007. *Field Trip Guidebook*. New York State Geological Association 79th Annual Meeting SUNY Cortland, 187 p.
- Landon, N. K., Whalen, M.T., McRoberts, C.A., *Hopkin, E., and Tomsich, C.S. 2007. Sequence stratigraphy and geochemistry of the upper Lower through Upper Triassic of northern Alaska: Implications for paleoredox history, source rock accumulation, and paleoceanography. *Report of Investigations, State of Alaska, Department of Natural Resources, Division of Geological and Geophysical Surveys, vol. 2007-1, p. 1-50.*
- Yin, J. and McRoberts, C.A. 2006. Latest Triassic-earliest Jurassic bivalves from the Germig Formation from Lanongla (Tibet, China). *Journal of Paleontology, vol. 80, p. 104-120.*
- McRoberts, C.A. and Newell, N.D. 2005. Marine Myalinidae (Bivalvia: Pterioida) from the Permian of West Texas. *American Museum Novitates, No. 3469, pp. 1-15.*
- *Hopkin, E.K. and McRoberts, C.A. 2005. A New Middle Triassic Flat Clam (Pterioida: Halobiidae) from the Middle Anisian of North-Central Nevada, USA. *Journal of Paleontology, vol. 79, no. 4, pp. 796-800.*

- McRoberts C.A. and Blodgett, R. 2002. Late Triassic (Norian) Molluscs from the Taylor Mountains, Alaska. *U.S. Geological Survey Professional Paper* 1662. 22 p.
- McRoberts, C.A. 2001. Triassic bivalves and the beginning of the Marine Mesozoic Revolution: A role for predators? *Geology*, vol. 29: 359-362.
- Orchard, M.J., Zonneveld, M.J., Johns, M.J., McRoberts, C.A., Tozer, E.T., and Sandy, M.R. 2001. Fossil succession and sequence stratigraphy of the Upper Triassic of Black Bear Ridge, northeast British Columbia, a GSSP prospect for the Carnian-Norian boundary. *Albertiana*, vol. 25, p. 10-22.
- Orchard, M.J., McRoberts, C.A., Tozer, E.T., Johns, M.J., Sandy, M.R., and *Shaner, J.S. 2001. The Upper Triassic of Black Bear Ridge, Williston Lake, northeast British Columbia: an integrated biochronology. *Geological Survey of Canada Current Research*, vol. 2001-A6, p. 1-21.
- McRoberts, C.A., and Newell, N.D. 2001. A new Permian myalinid genus, *Elversella*, of west Texas. *American Museum Novitates*, No. 3311, pp. 1-5.
- McRoberts, C.A. 2000. A primitive *Halobia* (Bivalvia: Halobioidea) from the Triassic of northeast British Columbia: Implications on the origin and phylogeny of *Halobia*. *Journal of Paleontology*, vol. 74: 599-603
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