Curriculum Vitae: 2021
Joseph G. Meert

Current Position

2012-present University of Florida Professor of Geological Sciences, University of Florida, Gainesville, FL

Present Address

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Educational Background & Work History

2006-2012: *Associate Professor of Geological Sciences, University of Florida, Gainesville, FL*
2002-2006: *Assistant Professor of Geological Sciences, University of Florida, Gainesville, FL*
1999-2001: *Associate Professor of Geology-Tenure, Indiana State University, Terre Haute, IN*
2001-2001: *Visiting Professor, Universite Paul Sabatier, Toulouse, France*
2000-2001*: Fulbright Senior Scholar, Trondheim Norway, Norwegian Geological Survey*
1994-1999: *Assistant Professor of Geology, Indiana State University, Terre Haute, IN*
1993-1994: *Research Fellow, University of Michigan, Ann Arbor, MI*
1988-1993: *Ph.D. Geology, University of Michigan, Ann Arbor, MI*
Summer 1991: *Summer Intern, Amoco Oil Corporation, Houston, TX*
1987-1988: *M.S. Geology, University of Florida, Gainesville, FL*
1982-1986: *B.S. Geology, University of Florida, Gainesville, FL*

Professional Societies

American Geophysical Union; Geological Society of America ;Sigma Xi;National Center for Science Education; Sigma Gamma Epsilon: National Earth Honor Society; International Association for Gondwana Research; Gondwana Institute for Geology and Environment; Florida Citizens for Science, Aircraft Owners and Pilot's Association

Professional Service

Precambrian Research: Editorial Board Member 1996-2012
Central European Journal of Earth Sciences Editorial Board 2012-
Geology-Editorial Board 2004-2009
Precambrian Research Special Issue on the Assembly of Rodinia, co-editor (2001)
Timescales of the Paleomagnetic Field, co-editor AGU Geophysical Monograph Series, 2004
Gondwana Research: Associate Editor (1999-present)
Gondwana Newsletter: Chief Editor (2001-2006)
GSA PEPP: Program Member 1994-1998

IGCP Project 440: Assembly of Rodinia: Member of Paleomagnetic Research Group
State of Indiana Core 40 Environmental Science Standards team 1997
IRIS Consortium- Assistant Director University of Florida:2008-2010
Florida Citizens for Science: Vice Chair 2006-2008
Geological Society of America: Student Grants Committee 2007-2009.
NDSEG Student Grants: Committee 2007-2012, 2014
NSF Graduate Research Fellow Review: Committee 2010-2011, 2015, 2016
SMART Fellowship Review: Committee 2011-2012, 2014
Geological Society of America Pardee Symposium: Co-organizer 2007.
Geological Society of America National Meeting: Organizing Committee 2009-2011.
National Research Council Report "Scientific Ocean Drilling: Accomplishments and Challenges", external reviewer 2011.
Organizing Committee "Bridging two continents" Second joint scientific meeting of the Geological Society of America and the Geological Society of China, November 2015.
Vice President- International Association of Gondwana Research, 2015-2017
Center for Earth Evolution and Dynamics Advisory Committee Ivar Giaver Geomagnetic Laboratory, Oslo, Norway 2015-present
President- International Association for Gondwana Research, 2018-2020

Awards/Recognition Received

1998*:* Excellence in Education Award, Indiana State University, Terre Haute, IN
2000-2001*:* CIES Fulbright Scholarship to Norway
2001*:* Academie de Toulouse, Universite Paul Sabatier, Toulouse, France: Visiting Professorship
2005*:* "A synopsis of events related to the assembly of East Gondwana" was noted by ISI referencing service as a "highly cited paper".
2008*:* Named Allan R. and Margaret G. Crow Term Professor at University of Florida
2010*:* Named Fellow Geological Society of America
2014-2016: University of Florida Research Foundation Professor
2016: Best Reviewer Award from Geoscience Frontiers Journal
2017-2019: Named University Term Professor, University of Florida.

University Service (selected, complete available upon request)

2016-2017: Faculty Mentor, UF Honors Program (University of Florida)
1998-2000*:* Senator, Faculty Senate (Indiana State University)
1997-2000*:* General Education Council, Member (Indiana State University)
1999-2001*:* Teacher Education Committee (Indiana State University)
1997-2000*:* Lilly Program Enhancing the First-Year Experience (Indiana State University)
1994-1995*:* Academic Affairs Committee Member (Indiana State University)

Departmental Service (University of Florida Only)

2003-present*: Executive Committee*
2003-present*: Undergraduate Advisor*
2004-present*: Undergraduate Curriculum Committee Chair*

2002-present: *Served on 6 faculty search committees*
2004-present*: Undergraduate Field Camp Director*

Courses Taught

GLY2100: Historical Geology (University of Florida)
GLY2010: Introductory Physical Geology (University of Florida)
SLS1102: First Year Florida, Fall 2002. (University of Florida)
GLY1000: Introduction to Geology (University of Florida)
GLY4750: Introduction to Field Methods (U. Florida)
GLY4790: Field Camp (U. Florida held in Taos New Mexico)
GLY5455: Introduction to Geophysics (U. Florida)
GLY5930: Introduction to Petroleum Geology (U. Florida)
Science 101: How to think about Weird Things (Indiana State University)
Structural Geology and Lab (Indiana State University)
Computer Methods in Geology (Indiana State University, Course Developed 1996)
Precambrian Tectonics (University of Florida & Indiana State University, Course Developed 1999)
Hydrogeology (Indiana State University)
Introduction to Geophysics (Indiana State University)
University 101: College Survival Skills for Freshmen (Indiana State University)
Introduction to Earth & Sky (Indiana State University)
Mini Course in Plate Reconstruction (Universite Paul Sabatier, Toulouse, France & University of Lund)

Publications (*denotes Student Author; Number of citations in parentheses; (Google Scholar)

Current Google Scholar Stats: H-index=52, I-index=95, 11,032 citations

(2021)

1. Meert, J.G., Pivarunas, A.*, Katusin, K.D.*, Miller, S.*, Pandit, M.K., Sinha, A.K., A Decade+ of Indian Precambrian Paleomagnetism and New Results from the Lower Vindhyan Supergroup: Assembly of Peninsular India and its Role in Precambrian Supercontinents**,** *Tectonophysics*, under review, invited paper.
2. Evans, D.A.D., Pesonen, L.J., Eglington, B.M., Elming, S-A., Gong, Z., Li, Z-X., McCausland, P.J., Meert, J.G., Mertanen, S., Pisarevsky, S.A., Pivarunas, A.F., Salminen, J.M., Swanson-Hysell, N., Torsvik, T.H., Trindade, R.I.F., Veikolainen, T. Zhong, S., An expanding list of reliable paleomagnetic data for Precambrian tectonic reconstructions, in: Pesonen et al.(eds) *Ancient Supercontinent and the Paleogeography of the Earth*, Elsevier, in press, ISBN: 978-0-12-818533-9.
3. Ma, X., Xu, Z., Meert, J.G., Tian, Z., Early Eocene high-flux magmatism and concurrent high temperature metamorphism in the Gangdese Belt (southern Tibet), *Bulletin of the Geological Society of America*, 133, 1194-1216.

4. Cai, Z., He, B., Meert, J.G., Ma, X., Jia, C., Liu, R., Chen, X., Yun, X., Neoproterozoic tectonic transition from subduction-related convergence to continental extension of the Tarim block, NW China, Precambrian Research, doi:10.1016/j.precamres
5. Yi Z., Wang, T., Meert, J.G., Liu, Y., An initial collision of India and Asia in the equatorial humid belt, *Geophysical Research Letters,* 48, doi:10.1029/2021GL093408.
6. Xu, H., Meert, J.G., Pandit, M.K., Age of the Marwar Supergroup, NW India: a note on the U-Pb geochronology pf Jodhpur felsic volcanics, *Geoscience Frontiers*, submitted.
7. Yi., Z., Wang, T., Meert, J.G., Southward drift of a medium-sized greater Asia prior to the India-Asia collision coupled to environmental changes, *Geology*, submitted.
8. Meert, J.G., Pivarunas, A.K., Miller, S.R., Nutter, R.F., Pandit, M.K., Sinha, A.K., The Precambrian drift history and paleogeography of India, in: Pesonen et al.(eds) *Ancient Supercontinent and the Paleogeography of the Earth*, Elsevier, in press, ISBN: 978-0-12-818533-9.
9. Pivarunas, A.F., Meert, J.G., Katusin, K., Pandit, M.K., Sinha, A.K., Miller, S.R., Craver, A., Roderus, K. Paleomagnetic results from the Singhbhum craton, India: Remagnetization, demagnetization and complication, *Precambrian Research*, doi:10.1016/j.precamres.2021.106.165.
10. He, B., Jiao, C. Cai, Z., Liu, R., Meert, J.G., Yun, X., Wang, T., Chen, W., Yu, Z., Li, J., Peng, S., Guo, X., Qiao, X., Was there a stable paleoenvironment during the Ediacaran-Cambrian transition in the Aksu area, NW Tarim basin? *Palaeogeography, Palaeontology and Palaeoecology*, doi:10.1016/j.palaeo.2021.110237.
11. Levashova, N.M., Golovanova, I.V., Rudko, I.V., Danukalov, K.N., Rudko, S.V., Yu, S.R., Meert, J.G., Late Ediacaran magnetic field hyperactivity: Quantifying the reversal frequency in the Zigan Fm, southern Urals, Russia, *Gondwana Research*, 94, 133-142.
12. Miller, S.R., Banks, C., Mueller, P.A., Meert, J.G., Pandit, M.K., Kamenov, G.D., Sinha, A.K., Refining the 3.5-2.8 Ga evolution of the Singhbhum craton, eastern India: geochronologic and geochemical evolution through U-Pb, Lu-Hf , Sm-Nd and Pb-Pb isotope characteristics of TTG and granites, *Precambrian Research*, in revision.
13. Miller, S.R., Meert, J.G., Pivarunas, A.F., Sinha, A.K., Pandit, M.K., Paleomagnetism and geochronology of mafic dykes in the Dharwar craton, India, *Gondwana Research*, in prep.
14. Meert, J.G., Miller, S.R., Pandit, M.K., Sinha, A.K., Denning, P., Paleomagnetism of the Gwalior sills and volcanics, *Gondwana Research*, in prep.
15. Xu, H., Meert, J.G., Pandit, M.K., A short note on the age of the Marwar Supergroup, NW India, *Earth ArXiv*, doi:10.31223/X5V61M.
16.

(2020)

1. Wu, G., Yang, S., Meert, J.G., Xiao, Y., Chen, Y., Wang, Z., Li, X., Huang, S., Two phases of Paleoproterozoic orogenesis in the Tarim craton: Implications for Columbia assembly, *Gondwana Research,* 83, 201-216.
2. Hao, J., Wang, C., Zhang, J., Liu, L., Gai, Y., Li, H., Yu, Z., Meert, J.G., Long, X., Sun, X., Zhang, S., Episodic Neoproterozoic extension related magmatism in the Altyn-Tagh, NW

China: implications for extension and breakup processes of Rodinia supercontinent, *International Geology Review*, doi:10.1080/00206814.2020.1836524.

3. Wang, C., Zhao, G., Zhu, X., Hao, J., Li, H., Meert, J.G., Ma, T., Long, X., Intraoceanic back-arc magma diversity: insights from a relic of the Proto-Tethys oceanic lithosphere in the western Qilian Orogen, NW China, *Chemical Geology*, 550, doi:10.1016/j.chemgeo.2020.119756
4. Meert, J.G., Pivarunas, A.F., Miller, S.R., Evans, D.A.D., Pisarevsky, S., Pesonen, L., Elming, S.A., Li, Z.X., Zhang, S., Paleomagnetic Reliability: The Van der Voo (1990) Quality Scale Revisited, *Tectonophysics*, doi:10.1016/tecto.2020.228549.
5. Pivarunas, A.F. and Meert, J.G., Paleomagnetism and the stability of the Dharwar craton, *Precambrian Research*, doi:10.1016/j.precamres.2020.105858.
6. Yi, Z. and Meert, J.G., A closure of the Mongol-Okhotsk ocean by the Middle Jurassic: Reconciliation of paleomagnetic and geological evidence, *Geophysical Research Letters,* doi.org/10.1029/2020GL088235.

(2019)

1. Pivarunas, A.* and Meert, J.G., Protracted magmatism and magnetization around the McClure Mountain alkaline igneous complex, *Lithosphere*, 11, 590-602.
2. Miller, S.R., Mueller, P.A., Meert, J.G., Kamenov, G.D., Pivarunas, A.F., Sinha, A.K., Pandit, M.K., 2019. Detrital zircons reveal evidence of Hadean crust in the Singhbhum craton, India: A Reply, *Journal of Geology*, 127, 387-392.
3. Pivarunas, A.*, Meert, J.G., Pandit, M.K., Sinha, A., Paleomagnetism and geochronology of mafic dykes from the Southern Granulite terrain, India: expanding the Dharwar craton southward, *Tectonophysics*, 760, 4-22.
4. Ma, X., Meert, J.G., Xu, Z., Zhao, Z., The Jurassic Yeba Formation in the Gangdese arc of S. Tibet: Implications for upper plate extension in the Lhasa terrane, *International Geology Review*, 61, 481-503.
5. Li, M., Wang, C., Li, R., Meert, J.G., Peng, Y., Zhang, J., Chen, S. Identifying late Neoproterozoic-early Paleozoic sediments in the South Quilian Belt, China: a peri-Gondwana connection in the northern Tibetan Plateau, *Gondwana Research*, 76, 173-184.
6. Yi, Z., Liu, Y. and Meert, J.G., A true polar wander trigger for the Great east Asian aridification*, Geology*, 47, 1112-1116.
7. Choudhary, B.R., Ernst, R.E., Xu, Y-G., Evans, D.A.D., de Kock, M., Meert, J.G., Ruiz, C.A., Geochemistry of a reconstructed 1110 Ma Large Igneous Province, *Precambrian Research*, 332, paper 105382.

(2018)

1. Mellot, A.L., Pivarunas, A.*, Meert, J.G., Lieberman, B.S., Does the planetary dynamo go cycling on? Re-examining the evidence for cycles in magnetic reversal rate, *International Journal of Astrobiology,* 17, 44-50.
2. Ma, X., Meert, J.G., Xu, Z., Yi, Z., Late Triassic intra-oceanic arc system within Neotethys: evidence from cumulate appinite in Gangdese Belt, southern Tibet *Lithosphere*, 10, 545-565.
3. Miller, S.R.*, Mueller, P.A., Meert, J.G., Kamenov, G.D., Pivarunas, A.F., Sinha, A.K., Detrital zircons reveal evidence of Hadean crust in the Singhbhum craton, India. *Journal of Geology*, 126, 541-552.
4. Mikolaichuk, A.V., Bazhenov, M.L., Rasskazov, S.V., Meert, J.G., Gordeev, D.V., Chuvashova, I.S., Yasnygina, T.A., Aral volcanic syncline of the Kyrgyz Range: the age and geodynamic setting. In: Problems of Geodynamics and Geoecology of Intracontinental Orogens VII International Symposium Bishkek, Krygyz Republic, 25-35.
5. Zhang, D., Huang, B.C., Meert, J.G., Zhang, Y., Liang, Y.L., Bai, Q.H., Zhou, T.H., Permian paleogeography of the eastern CAOB: paleomagnetic constraints from volcanic rocks in central-eastern Inner Mongolia, NE China, *Journal of Geophysical Research*, 123, 2559-2582.

(2017)

1. Meert, J.G. and Santosh, M., The Columbia Supercontinent, A 15 year retrospective, *Gondwana Research*, 50, 67-83.
2. Meert, J.G., Santosh, M., Kwon, S., Gondwana Research Golden Jubilee special issue: Introduction, *Gondwana Research*, 50, 1-2.
3. Ma, X., Xu, Z., Meert, J.G, Syn-convergent extension in the Lhasa terrane: evidence from late Cretaceous adakitic granodiorite and coeval gabbroic-dioritic dykes, *Journal of Geodynamics*, 110, 12-30.
4. Ma, X., Meert, J.G., Xu, Z., Yi, Z. Early Jurassic intraoceanic arc system within the Neotethys: constraints from andesites in the Gangdese magmatic belt, south Tibet, *Island Arc*, doi10.1111/iar12202.
5. Ma, X., Meert, J.G., Xu, Z., Zhao, Z, 2017. Evidence of magma mixing identified in the Early Eocene Caina pluton from the Gangdese Batholith, southern Tibet, *Lithos*, 278-281, 126-139.
6. Meert, J.G., Pandit, M.K., Pivarunas, A.*, Katusin, K.*, India and Antarctica in the Precambrian: A brief analysis, *Geological Society of London Special Publication #457*, 339-352.
7. Ma, X., Xu, Z., Chen, X., Meert, J.G., He, Z., Liang, F., Meng, Y., Ma, S., The origin and tectonic significance of the volcanic rocks of the Yeba Formation in the Gangdese magmatic belt, South Tibet, *Journal of Earth Sciences*, 28, 265-282.

(2016)

1. Ma, X., Xu, Z. and Meert, J.G., Eocene slab breakoff of Neotethys as suggested by dioritic dykes in the Gangdese magmatic belt, southern Tibet, *Lithos*, 248-251, 55-65 (0,0,0).
2. Meert, J.G., Bazhenov, M.L., Levashova, N.M., Landing E., Rapid changes in magnetic field polarity during the Late Ediacaran: Linking the Cambrian Evolutionary Radiation and increased UV-B radiation, *Gondwana Research*, 34, 149-157.
3. Bazhenov, M.L., Levashova, N.M., Meert, J.G., Golovanova, I.V., Danukalov, K.N., Federova, N.M., Late Ediacaran magnetostratigraphy of Baltica: Evidence for magnetic field hyperactivity? *Earth and Planetary Science Letters*, 435, 124-135.
4. Meert, J.G., Van der Voo, R. and Patel, J., A Neoarchean paleomagnetic pole from the Kisii lavas of western Kenya: Implications for crustal mobility, *Precambrian Research*, 279, 91-102.
5. Bazhenov, M., Van der Voo, R., Menzo, Z., Dominguez, A., Meert, J.G., Levashova, N.M., Paleomagnetism and dating of a thick lava pile in the Bokaly Formation of eastern Kazakhstan: implications for paleosecular variation during the Permo-Carboniferous superchron, *Physics of the Earth and Planetary Interiors,* 253, 5-20.
6. Bazhenov, M.L., Federova, N.M., Kuznetsov, N.B., Meert, J.G, Ediacaran-Cambrian paleogeography of Baltica: A paleomagnetic view from a diamond pit in the White Sea Coast, *Lithosphere*, doi:10.1130/L539.1.
7. Bazhenov, M.L., Kozlovsky, A.M., Yarmolyuk, V.V., Federova, N.M. and Meert, J.G., Late Paleozoic paleomagnetism of South Mongolia: Exploring the relationship between Siberia, Mongolia and North China, *Gondwana Research*, 40, 121-141.
8. Bazhenov, M.L., Levashova, N.M., Meert, J.G., How well do Precambrian paleomagnetic data from Baltica agree with the Phanerozoic apparent polar wander path? A systematic comparison, *Precambrian Research*, 285, 80-90.

(2015)

1. Shu, L., Ma, X. and Meert, J.G., Early Permian slab breakoff in the Central Tianshan belt inferred from the post-collisional granitoids, *Gondwana Research*, 27, 228-243. (2,1,0)
2. Meert, J.G. and Pandit, M.K., Precambrian Evolution of Peninsular India and its Link to Basin evolution, in: Eriksson et al. (eds) *Geological Society of London, Special Publication #43, Precambrian Basins of India: Stratigraphic and Tectonic Criteria,* 29-54. (0,3,3)
3. Levashova, N.M., Bazhenov, M., Meert, J.G., Paleomagnetism of Upper Ediacaran clastics from the south Urals: implications for paleogeography of Baltica and the opening of the Iapetus Ocean, *Gondwana Research*, 28, 191-208. (1,0,0).
4. Wang, C. Li, R-S, Meert, J.G., Peng, Y., Paleoproterozoic magmatic-metamorphic history of the Quanji massif, northwest China: implications for a single North China-Quanji-Tarim craton within the Columbia supercontinent?, *International Geology Review*, 57, 1772-1790. (0,0,0)

(2014)

1. Meert, J.G., Ediacaran-Ordovician paleomagnetism of Baltica: A review, *Gondwana Research*, 25, 159-169. (12,14,20).

2. Xu, H., Yeng, Z., Peng, P., Meert, J.G., Zhu, R., Paleoposition of the North China craton within the supercontinent Columbia: constraints from new Paleoproterozoic paleomagnetic results, *Precambrian Research*, 255, 276-293. (1,0,0)
3. Wang, C., Wang, Y-E., Liu, L., He, S.P., Le, R.S., Li, M., Yang, W-Q., Meert, J.G., Shi, C., The Paleoproterozoic magmatic-metamorphic events and cover sediments of the Tiekelik Belt and their tectonic implications for the southern margin of the Tarim Craton, northwestern China, *Precambrian Research*, 254, 210-225. (2,2,1)
4. Ma, X., Shu, L., Meert, J.G., The fingerprint of Precambrian basement for Chinese central Tianshan: evidence from inherited/xenocrystic zircons of magmatic rocks, *Geological Magazine*, 152, 176-183. (0,3,1)
5. Kuznetsov, N., Meert, J.G., Romanyuk, T., Ages of the detrital zircons (U-Pb LA-ICP-MS) from the latest Neoproterozoic-Middle Cambrian(?) Asha Group, the Southern Urals: A testing of an Australia-Baltica connection within the Rodinia supercontinent, *Precambrian Research*, 244, 288-305. (4,4,0).
6. Davis, J.K.*, Meert, J.G., Pandit, M.K., Paleomagnetic analysis of the Marwar Supergroup, Rajasthan, India and proposed interbasinal correlations, *Journal of Asian Earth Sciences*, 91, 339-351. (4,5,10).
7. Meert, J.G., Strange Attractors, Spiritual Interlopers and Lonely Wanderers: The Search for Pre-Pangæan Supercontinents. *Geoscience Frontiers*, 5, 155-166. (0,17,24)
8. Santosh, M., Maruyama, S., Sawaki, Y., Meert, J.G., The Cambrian Explosion: Plume-driven birth of the second ecosystem on Earth, *Gondwana Research*, 25, 945-965. (13,15,29).
9. Turner, C.C.*, Meert, J.G., Pandit, M.K., Kamenov, G.D., A detrital zircon U-Pb and Hf isotopic transect across the Son Valley sector of the Vindhyan basin, India: Implications for basin evolution and paleogeography, *Gondwana Research*, 26, 348-364. (9,10,15).
10. Belica, M.E.*, Piispa, E.J., Meert, J.G., Pesonen, L.J., Plado, J., Pandit, M.K., Kamenov, G.D., Celestino, M.*, Paleoproterozoic mafic dyke swarms from the Dharwar craton; paleomagnetic poles for India from 2.37-1.88 Ga and rethinking the Columbia supercontinent, *Precambrian Research,* 244, 100-122 (6,5,7).
11. Kuznetsov N.B., Romanyuk T.V., Shatsillo A.V., Orlov, S.Yu., Gorozhanin, V.M., Gorozhanina, E.N., Seregina E.S., Ivanova N.S., Meert, J.G., The first results of the U/Pb-dating (LA-ICP-MS) of the detrital zircons from the Late Emsian Takata Formation, the Western Urals (with a problem of an ultimate sources of Vishera diamond placers), *Doklady Earth Sciences,* 455, 427-432. (0,0,5)
12. Bazhenov, M.L., Van der Voo, R., Meert, J.G., Levashova, N.M., Ipatieva, I.S., Late Paleozoic geomagnetic-field estimates from studies of Permian lavas in northeastern Kazakhstan, *Russian Geology and Geophysics*, 55, 108-117. (2,4,0)
13. Ma, X., Shu, L., Meert, J.G., Li, J., The Paleozoic evolution of Central Tianshan: Geochemical and geochronological evidence, *Gondwana Research*, 25, 797-819. (11,14,23).
14. Wang, C., Liu, L., Xiao, P.X., Cao, Y.T., Yu, H.Y., Liang, W.T., Meert, J.G., Geochemical and geochronologic constraints for magmatism related to orogenic collapse in the Qimantagh-South Altyn region, NW China, *Lithos*, 202-203, 1-20. (2,3,3)

(2013)

1. Levashova, N.M., Bazhenov, M.L., Meert, J.G., Kuznetsov, N., Golovanova, I.V., Danukalov, K.N., Federova, N.M., Paleogeography of Baltica in the Ediacaran: paleomagnetic and geochronological data from the clastic Zigan Formation, south Urals, *Precambrian Research*, 236, 16-30. (10,11,13)
2. Maslov, A.V., Meert, J.G., Levashova, N.M., Ronkin, Y.L., Grazhdankin, D.V., Kuznetsov, N.B., Krupenin, M.T., Federova, N.M., Ipat'eva, I.S., New data about the age of Vendian glacial deposits (Middle Urals), *Doklady Earth Sciences*, 449, 303-308. (2,2,0)
3. Meert, J.G. and Pandit, M.K., Comment: Paleomagnetism of Bhander sediments from Bhopal Inlier, Vindhyan Supergroup (Venkateshwarlu and Mallikarjuna Rao), *Memoirs Geological Society of India*, 82, 588-589. (1,0,1)
4. Meert, J.G., Book Review: The Story of Earth (by Robert Hazen), *Reports of the National Center for Science Education*, 33 (0,0,3).
5. Meert, J.G., Pandit, M.K. and Kamenov, G.D., Further geochronological and paleomagnetic constraints on Malani (and pre-Malani) magmatism in NW India, *Tectonophysics*, 608, 1254-1267 (9,10,12).
6. Fedorova, N.M., Levashova, N.M., Bazhenov, M.L., Meert, J.G., Sergeeva, N.D., Golovanova, I.V., Danukalov, K.N., Kuznetsov, N.B., Kadyrov, A.F., Khidiyatov, M.M., The east European platform in the Late Edicaran: new paleomagnetic and geochronological data, *Russian Geology and Geophysics*, 54, 1392-1401. (2,2,0)

(2012)

1. Pradhan, V.R.*, Meert, J.G., Pandit, M.K., Kamenov, G.D. and Mondal, E.A., Tectonic evolution of the Precambrian Bundelkhand craton, central India: Insights from paleomagnetic and geochronological studies on the mafic dyke swarms, *Precambrian Research*, 198-199, 51-76. (40,37,41)
2. Meert, J.G., The (Paleo)Geography of Evolution: Making sense of changing biology and changing continents, *Evolution: Education and Outreach* special issue, 10.1007/s12052-012-0405-2. (0,0,0).
3. Kuznetsov, N.B., Romanyuk, T.V., Shatsillo, A.V., Golovanova, I.V., Danukalov, K.N., Meert, J.G., The age of detrital zircons from Asha Group, Southern Ural – verification of idea about the spatial conjugation of Baltica and Australia within the Rodinia Supercontinent (a positive test of the "Australia Upside Down conception"), *Lithosphere*, 55, 55-77 (in Russian). (0,0,0).
4. Meert, J.G., What's in a name? The Columbia (Palaeopangea/Nuna) Supercontinent, *Gondwana Research*, 21, 987-993. (100,110,133).
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Symposia, Seminars & Mini Courses (Invited)

1. *The Precambrian paleomagnetic record of India*, 36th International Geological Congress, Delhi, India: Keynote Address. March, 2020.
2. *Van der Voo Lecture: Paleo/Geomagnetism and Geobiology: Case Studies from the Ediacaran and Jurassic,* University of Michigan, Ann Arbor, MI, January 2020.
3. *India in three supercontinents, Columbia, Rodinia and Pannotia*, IAGR 2019 Conference Keynote Address, Kochi, Japan, November 2019.
4. *The Great Jurassic Aridification of East Asia*, invited seminar Utrecht University, Amsterdam, Netherlands, February 2019.

5. *Indian Paleomagnetism: A 15-year retrospective*, University of Texas-Dallas, November 2017.
6. *Darwin's Dilemma: New discoveries from the Ediacaran-Cambrian*, UF Humanist Society Darwin Day Celebration, February 2017.
7. *Rapid Changes in the Earth's magnetic field polarity in the Late Ediacaran: Environmental effects and the Cambrian radiation*, Southern Methodist University, September, 2016.
8. *Cycles/Trends in the Earth's Geodynamo*, Southern Methodist University, September, 2016.
9. *Rapid Changes in the Earth's magnetic field as a trigger for Biological innovation and extinction*, University of Florida Museum of Natural History Seminar, Feb 2016, Gainesville Florida.
10. *Rapid Changes in the Earth's magnetic field as a trigger for Biological innovation and extinction,* University of Florida Physics Colloquium, October 2015*, Gainesville, FL.*
11. *Biological, Geophysical and tectonic transitions during the assembly of Gondwana*, IAGR 2015 Tsukuba, Japan invited), October 2015.
12. *Elements of Paleomagnetism*, Dharandihar College, Keonjhar, India (December 2014)
13. *Rapid changes in the magnetic field polarity during the Late Ediacaran: Trigger for the substrate revolution and the demise of the Ediacaran fauna*, 60th Annual Seward Lecture, Birbal Sahni Institute of Paleobotany, Lucknow, India, November 2014 (invited).
14. *The Influence of the Earth's magnetic field on biological revolutions and extinctions,* University of Rajasthan, India, November 2014 (invited).
15. *Elements of Paleomagnetism and uses in paleobiology*, Birbal Sahni Institute of Paleobotany, Lucknow, India, November 2014 (invited).
16. *Rapid Reversals in the Ediacaran*, BEPIS Conference, Beijing, China, July 2013.
17. *The Paleogeography of Evolution*, Darwin Day Lecture, Broward College, Miami, Florida, February 2012.
18. *India's Changing Place in global reconstructions*, Department of Geology, Michigan Technological University, September 2011.
19. *Paleomagnetism, geochronology, glaciations and Ediacaran(?) organisms from the Lesser Karatau microcontinent, Kazakhstan*, Department Geological Sciences, University of Florida, Nov, 2009.
20. *India's Place in Precambrian plate reconstructions*, invited talk 6th Nordic Paleomagnetic workshop, Lulea Sweden, September, 2009.
21. *Shell NTP New Mexico Field trip and minicourse*, Taos, New Mexico, August 2009.
22. *Evidence for Evolution*, Café Scientifique Gainesville, Florida, September 2008.
23. *Geochronology and paleomagnetism of the Dzabkhan volcanic sequence, Gobi Altai region, Mongolia*, Mongolian Institute for Geology and Mineral Resources, Ulaan Bataar Mongolia, September 2007.
24. *The creation evolution battle: An inside look*. Atheist, Agnostic and Free thinking Society, Gainesville, FL. November 2006.
25. *The Snowball Earth*, Florida Association of Science Teachers Annual Meeting, Gainesville, FL October 2006.
26. *Adventures in Deep Time*, Café Scientifique, Gainesville, Fl, February 2006.

27. *A history of supercontinents*, Mongolian Academy of Sciences, Ulaan Bataar, Mongolia, Sept. 2005.
28. *State of the Snowball: A 2005 Update*, University of Florida, February 2005.
29. *A history of supercontinents*, GSA Penrose Conference, St. George Utah, Ocotber 2004.
30. *Preliminary paleomagnetic results from the Arbuckle Dolerites*, 5th Nordic Paleomagnetic Workshop, Suitia Finland Sept 2004.
31. *Inclination only studies and the dipole field*, 5th Nordic Paleomagnetic Workshop, Suitia Finland Sept 2004 (invited).
32. *Neoproterozoic Plate Tectonics, Models and Speculations*, Florida State University, September 2003.
33. *Non-Dipole Fields and Inclination Bias*, Florida State University, September 2003.
34. *The HOG Hypothesis and other Proterozoic Oddities*, University of Florida, November 2002.
35. *The HOG Hypothesis: Constraining Neoproterozoic plate motions*, Kansas University, March 2002.
36. *Proterozoic Geodynamics*: Trondheim Geology Club, April 2001.
32. *Geodynamics of Supercontinent Assembly and breakup*, Universite Paul Sabatier, Toulouse, France, March 2001.
33. *Paleogeography Mini Course*, Universite de Toulouse, March 2001.
34. *Paleogeography Mini Course*, University of Lund, Sweden, December 2000.
35. *Snowball, Slushball and Oddball Glaciations: The coming and goings of Neoproterozoic Ice Sheets*, Goldschmidt Lecture, Norwegian Geological Survey, Nov 2000.
36. *Meso-Neoproterozoic Paleomagnetic Studies in India, Africa and Madagascar*, 4th Paleomagnetic Workshop, Aarhus, Denmark, 1999.
37. *Paleomagnetism, nuts and bolts*, invited lecture, Washington University-St. Louis, spring 1998.
38. *True Polar Wander and the Cambrian Explosion*, invited colloquium, University of Missouri, spring 1998.
39. *Supercontinents and the Cambrian 'Explosion'*, invited colloqiuim, St. Louis University, spring 1998.
40. *Geology, Serendipity and Life*, invited colloquium, Junior Science and Humanities Program, Indiana State University, spring 1997.
41. *Tectonics and the Geodynamo*, invited colloquium, Department of Physics, Indiana State University, spring 1997.
42. *The making of a continent*, invited colloquium, Department of Geological Sciences, University of Illinois, spring 1996.
43. *Assembling a supercontinent, the Gondwana Story*, invited colloquium, Department of Geology, I.U.P.U.I, Spring 1996.
44. *Gondwana 1-2-3,* invited colloquium, Department of Geological Sciences, Indiana University, Fall 1995.
45. *The Assembly of Gondwana*, invited colloquium, Department of Geology, University of Cincinatti, Spring 1995.
46. *Paleomagnetism and Plate tectonics*, invited colloquium, Department of Physics, Indiana State University, 1994.

47. *Late Proterozoic Tectonics*, invited keynote lecture, 3rd Scandanavian Paleomagnetic Workshop, Trondheim, Norway, 1994.
48. *On the formation of Gondwana in the Latest Proterozoic*, invited symposium, University of Texas-Arlington, 1994.

Grants/Contracts Applied/Received

1. National Science Foundation: **MRI Instrument Acquisition: An HR Magnetic Sector ICP-MS and Laser Ablation System for Earth and Ocean research, University of Florida**, 07/01/2019-06/30/20, $473,257, submitted January 2019 (Senior Personnel).
2. National Science Foundation: **Incredible India: High Resolution Proterozoic Paleogeography Through Integrated Studies of Mafic Dykes,** 3/1/2019-02/28/2021, $287,227. EAR18-50693 (PI).
3. National Science Foundation: **Building India: Clues from the Singhbhum Craton & Southern India,** 7/15/2014-6/30/2018, $230,007. EAR13-47942 (PI).
4. National Science Foundation: **Ediacaran Paleomagnetism and geochronology of eastern Baltica: A key to paleogeography and climatic history of the continent**, $301,950, 7/1/2011-6/30/2014. EAR11-19038 (PI).
5. National Science Foundation: **Further refinement of India's Proterozoic paleogeography and Geochronology**, $188,090, 7/1/2009-6/30/2012. EAR09-10888.
6. National Science Foundation, **The assembly of East Gondwana: A Proterozoic perspective from India**, $174,527 (7/2004-6/2007) EAR04-09101 (PI).
7. National Science Foundation, **Paleomagnetism of Neoproterozoic through to Lower Paleozoic rocks on microcontinents of Central Asia: implications for the Precambrian glacial paradox and amalgamation of Eurasia**, $267,484 EAR05-08597 (7/2005-6/2009). (PI)
8. National Science Foundation, **Purchase of combined Alternating Gradient Magnetometer (AGM) / Vibrating Sample Magnetometer (VSM) system**, $82,267 EAR04-32883 (July 15, 2005-July 14, 2006). Co-PI with Jim Channell.
9. CNRS France "**Eclipse 2003 Studying ancient climates**, US participant, total award 35000 euros to several institutions.
10. **Invited Professorship: Academie de Toulouse**, Universite Paul Sabatier, Toulouse France, 2001 (40,000 FF).
11. **CIES Fulbright Scholar Program for Norway 2000-2001** (awarded 12/7/1999), 138,000 NoKr.
12. Norwegian Geological Survey (2001) **Paleomagnetic Investigation of the Hedmark Group**, Lillehammer, 25,000 kroner.
5. National Science Foundation, **CNRS-NSF Joint Project on Tectonics and Assembly of Gondwana with special focus on Madagascar**, INT-9815203, $3000.00, 1999. (PI)
6. National Science Foundation (1998-2000), **International Collaborative project on Proterozoic paleomagnetism, geochronology and tectonic assembly of Madagascar**, $114,411, EAR98-05306. (PI)
7. Norges Geologiske Undersokelse (1997), **Neoproterozoic studies in Western Norway and Madagascar**, Foreign Collaborator with T.H. Torsvik (NGU), Approximately $12,000.

8. Norges Geologiske Undersokelse (1995), **The Late Proterozoic Sequences in Southern Norway: A Paleomagnetic and Geochronologic study**. Foreign Collaborator with T.H. Torsvik (NGU). Approximately $10,000.
9. National Science Foundation (1995-97), **Acquisition of Paleomagnetic Equipment**, $12,500 [EAR95-21571].
10. Norges Geologiske Undersokelse (1995), **The Proterozoic Sequences in Namibia: A Paleomagnetic and Geochronologic study**. Foreign Collaborator with T.H. Torsvik (NGU). Approximately $10,000.
11. National Science Foundation (1992-94), **Paleomagnetic Studies in East Africa** (post-doctoral fellow w/R. Van der Voo), $130,000. EAR92-05815
12. Indiana Department of Environmental Management: **Assessing groundwater intake systems in south-central Indiana**. Co-investigator with Dr. Susan Berta and Dr. Sandra Brake, $50,000.
13. Ph.D. Awards from Geological Society of America Student Funding, Sigma Xi student funding, Scott Turner Fund at the University of Michigan, Rackham Graduate Student Research Fellowship at the University of Michigan.

Student/Graduate Student Committees

University of Florida-Gainesville

1. MS Thesis Committee Member: Karl Hopfensperger, "*Florida Basement Structure interpreted using magnetic anomalies*", awarded 2003.
2. MS Thesis Committee Member: K. Commins, "*Florida Sinkholes: A review and documentation of occurrences and distributions*", awarded 2004.
3. M.S. Thesis Committee Member, V. Newman, "*Investigation of the history of Exhumation and faulting in the Ruby Mountains Metamorphic Core Complex, Nevada*", awarded 2007.
4. Ph.D. Thesis Committee Member: Sam Coyner, "*Pb-Pb dating of titanite by ICP-MS and the potential for geo and thermochronology*", expected 2012.
5. Ph.D. Thesis Committee Member: Chuang Xuan, awarded 2010.
6. M.S. Thesis Supervisor Shawn Malone, "*Paleomagnetic and geochronologic constraints on the Upper Vindhyan sequence, India*", awarded August 2007.
7. Ph.D. Supervisor Vimal Pradhan, "*Paleomagnetic and geochronologic investigation of Proterozoic dike swarms in India"*, August 2011.
8. M.S. Supervisor Laura Gregory, "*Paleomagnetic studies of Neoproterozoic rocks in Indian and Mongolia"*, awarded 2008.
9. M.S. Committee Member Brittany Newstead "*The Congo-Kalahari cratonic relationship: From Rodinia to Gondwana*", awarded 2010.
10. M.S. Supervisor Candler Turner, "*Detrital zircon geochronology of the Vindhyan and Marwar Supergroups, India: Keys to the Precambrian history of north-central Ind*ia", December 2012.
11. M.S. Supervisor Mercedes Belica, "*Paleomagnetism and Geochronology of mafic dykes in the southern Dharwar craton*", December 2012.

12. M.S. Supervisor Daphne Douglas "*Paleomagnetism of the Konnarock Formation, SW Viriginia: Implications for Neoproterozoic glacial epochs*", dropped out.
13. M.B.A. Committee Member Basharat Choudhary, 2015.
14. Ph.D. Committee Member Chong Ma, awarded 2015
15. M.S. Supervisor Karastin Katusin "*Paleomagnetism and geochronology of the Newer Dolerites, Singhbhum craton, India*", awarded summer 2017.
16. Ph.D. Supervisor Anthony Pivarunas, "*Space and Time: Using Paleomagnetism, Geochronology and Numerical Methods to Create and Assess Spatiotemporal Geological Relationships through Earth History"* March 2019.
17. Ph.D. Supervisor Scott Miller, *TBA*, expected spring 2021.
18. Ph.D. Supervisor Ananya Singha, TBA, expected spring 2025.
19. Ph.D. Committee Member Megan Borel, expected spring 2022
20. Ph.D. Committee Member Hee Jun Cheong, expected spring 2024.
21. Ph.D. Committee Member, Katie Bristol, expected spring 2025
22. Ph.D. Committee Member, McKenna Holliday, expected spring 2025.

Indiana State University (Graduate Theses)

1. M.Sc. Thesis Committee Member: Adil Wadia, "*Chemical weathering of volcanic ash as a probable origin of chert in the Reid's Mistake Formation of the Newcastle coal measures, Sydney Basin, Australia*." Finished: 1998
2. M.Sc. Thesis Supervisor, Gerald Unterreiner, "*Groundwater Flow Models of two landfill sites near Indianapolis"*. Finished 1998.
3. M.Sc. Thesis Committee Member, Dmitri Barkovsky, "*Effect of the direction of the blast on vegetation recovery within the zone of devastation created by the may 18, 1980 eruption of Mt. St. Helen's"*. Finished 2000.
4. M.Sc. Thesis Supervisor, Chad Pullen, "*Paleomagnetism and Geochronology of the 700-800 Ma intrusives, Madagascar"*. Student Dropped Out
5. M.Sc. Thesis Committee Member, Irene Arango, "*Remediation of Abandoned coal mines by the euglena E. Mutabalis"*. Awarded 2002.

University of Florida (Senior Undergraduate Theses)

1. Undergraduate honors thesis co-supervisor (with Ray Russo), Aubreya Adams, *Seismic Attenuation in the Florida Plateau*. Completed Summer 2004.
2. University Scholars Program supervisor for Mason Grower, *Closing Pandora's box: Additional insights on inclination bias using a random walk approach,* completed April 2005.
3. University Scholars Program supervisor for Laura Gregory, *Paleomagnetic and geochronologic studies of the Malani basic dikes*, 2006.
4. Undergraduate Honors thesis supervisor, Jessica Yff, "*Paleomagnetism and geochronology of the Dzabkhan volcanics, Mongolia: Implications for the Sturtian Snowball Earth*, 2006.
5. Undergraduate Honors thesis supervisor, Laura Gregory, *Paleomagnetic investigation of the late-stage Malani mafic dikes*, 2006.

6. Undergraduate Honors thesis supervisor, Joshua K. Davis, *Paleomagnetism of the Marwar Supergroup*, Rajasthan, India, 2012.
7. Undergraduate Honors Thesis supervisor, Erin Conlon, *Paleomagnetism and geochronology of the Chhotti Khatu section, Marwar Supergroup, India*., 2016.
8. Undergraduate Thesis: Austin Smith, *Paleomagnetism of the Newer Dolerites, Singhbhum craton, India*, 2016.

Indiana State University (Senior Undergraduate Theses)

1. Undergraduate thesis supervisor, William Stuckey, "*Paleomagnetic Investigation of the St. Francois Mountains igneous province"*. Finished 2001, published in Tectonics.
2. Undergraduate thesis supervisor, Ginger Korinek, *Anisotropy of Magnetic Susceptibility as a proxy for bedding corrections in massive rhyolite flows*. Finished 2001.
3. Undergraduate thesis supervisor, John Morris, *Crustal structure and station correction for the ISU seismic station*. Finished 2001.

Other Universities

1. Ph.D. External Member, Gerald Unterreiner, "*Chemical, isotopic and hydrogeologic investigations of an agriculturally impacted area, Nottawa Creek watershed, Calhoun County, Michigan*". Western Michigan University, awarded 2002.
2. M.Sc., External Examiner, Shawn Letts, "*The development of aeromagnetic mapping and dyke interpretation methodologies with application to a high resolution aeromagnetic survey in the Eastern Bushveld Complex"*, University of Witswatersrand, Johannesburg South Africa, awarded 2004.
3. Ph.D., External Examiner, Huntly Cutten, "*Development of a GIS/Access database research tool and its use to synthesize the Proterozoic tectonic history of the Mozambique Belt, Eastern Africa*, University of Western Australia, awarded 2005.
4. Ph.D., External Examiner, Eric Font, University of Sao Paolo, *Paleomagnetisme de Cap Carbonates du craton Amazonian Brazil: Implications pour les glaciations du Neoproterozoique*, awarded 2005.
5. Ph.D., External Examiner, Yengkhom Kesorjit Singh, Indian Institute of Technology, Mumbai, *Deformation and tectonic history of Delhi Supergroup of rocks around Uplagarh and Sagna, SW Rajasthan, India,* awarded 2010*.*
6. Ph.D. External Examiner*,* Sujit Kumar Pradhan, Pondicherry University India, *Paleomagnetic and geochronological studieson the basaltic dykes from northeastern part of the southern granulite terrain India: Significance to early Proterozoic continental reconstruction*, awarded 2013.
7. Ph.D. External Member, Xuxuan Ma, *Evolution of the Tian Shan Ocean*, Nanjing University, China, expected 2014. Visiting Scholar UF 2012-2013.
8. Ph.D. External Member, Xiaobei Zhao, TBD, Peking University, China, expected 2015. Visiting Scholar UF 2013.
9. Ph.D. External Member, Huiru Xu, expected 2015, Chinese Academy of Sciences, Beijing, China, 2015. Visiting Scholar UF 2013-2014.

10. Ph.D. External Member, Weibo Li, Peking University, China, 2017, Visiting Scholar UF 2014.
11. Ph.D. External Member, Donghai Zhang, Peking University, China, expected 2019, visiting scholar UF 2016-2017.
12. Ph.D. Examining Committee-L.M. Boschman Utrecht University, Amsterdam, February 2019. Reconstructing lost continents of the Panthalassa Ocean.

Visiting Scholars (UF Lab)

2005- Natalia Levashova (Geological Institute Moscow)
2005- Mikhail Bazhenov (Geological Institute Moscow)
2006- Manoj Pandit (University of Rajasthan, India)
2009- Natalia Levashove (Geological Institute, Moscow)
2010- Manoj Pandit (University of Rajasthan, India)
2012- Natalia Federova (Moscow University)
2012- Natalia Levashova (Geological Institute Moscow)
2012_ Mikhail Bazhenov (Geological Institute Moscow)
2016- Zhiyu Yi (Chinese Academy of Geosciences, Beijing)

Other (TV interviews/community service projects)

1. **1993**- Interviewed by University of Michigan Press regarding Nature article on Plate Tectonic Speed limits. News articles appeared in various papers around the country.
2. **1995**- Conducted interviews related to the 1995 Kobe, Japan earthquake including a ½ television show on WTWO television, Terre Haute Indiana. Also gave numerous radio show interviews with local Terre Haute radio on this event.
3. **1995**- Gave a lecture on Earthquakes and Volcanoes to the Lions Club of Spencer, Indiana.
4. **1996**- Helped local cub scout pack earn their Geology Badge.
5. **1996**- Spoke at local school board meeting defending the teaching of evolution.
6. **1996**- Performed in a series of commercials for FOX Kids "So you want to be a geologist?", Terre Haute, Indiana.
7. **1996**- Interviewed by Science News (v150:7, p. 103) regarding the discovery of an 'oldest' reversal.
8. **1999**- Featured story in "Campus Connection: ISU Publications" for work in Madagascar called "Sprit of Discovery".
9. **1996-2000**: Gave lectures to various grade, middle and high school students on geology and geologic history in Terre Haute Indiana.
10. **2001**- Interviewed by New Scientist about the notion of true polar wander, New Scientist Magazine, v. 171, pages 35-37.
11. **2003**- Gave lecture at PK Yonge Elementary School on geology and rocks.
12. **2004**- Gave lecture at PK Yonge Elementary School on geology and rocks.

13. **2004**- Interviewed by Nature News regarding the Snowball Earth paper in Nature, San Francisco Chronicle, WRUF AM, Discovery Channel, WTRS radio Sunday morning program, Gainesville Sun, CNRS (French) Research reports. The story was also picked up by various newswires and published in newspapers across the globe.
14. **2004**- Interviewed by major news organizations regarding the J. Geol. Soc. London paper on trilobite evolution, including Science News, Discovery Channel News, WRUF 850 AM, Geotimes, Astrobiology News and the Lawrence Kansas newspaper, the French Magazine "La Recherche" (equivalent to our Scientific American.
15. **2004**- Assisted P.K. Yonge Kindergarten teacher Julie Johnson in her acquisition of a National Certification in Science teaching.
16. **2005**- Interviewed by the Alligator regarding the Sumatra Earthquake.
17. **2006**-Interviewed in Science regarding Intelligent Design and creationism (v. 311, 769-771 Feb 2006).
18. **2006**- Talked on rocks and minerals to PK Yonge 3rd Grade class.
19. **2006**- Interviewed by Chemical and Engineering News regarding evolution and intelligent design (Nov 27, 2006 issue).
20. **2007**- Co-organizer with Phil Neuhoff and Matt Smith Museum Nights Florida Natural History Museum March 22, 2007.
21. **2008**- Interviewed by National Geographic News for article in Precambrian Research on Vindhyan basins in India.
22. **2008**- Interviewed by Christian Science Monitor regarding research on the Vindhyan basin in India.
23. **2008**- Interviewed by Education Week regarding the "Spore" the new evolution game.
24. **2009**- Featured on Inside UF regarding research work in India.
25. **2010**- Featured in an article on the Geodynamo in "Earth Magazine"
26. **2010-2009**- Scientific Consultant on Pioneer Productions animated Earth history program (Released Feb/March 2011 on National Geographic Channel and Discovery Channel Canada).
27. **2012**- Consultant BBC program "Story of the Continents". Release date late 2013.
28. **2012**- Consultant NHK Japanese Television Program "Land and Evolution of Life" Documentary, spring 2013 release.
29. **2013**- Interview for Nature release on mid-continent rift volcanism.
30. **2016**- Interview by Science magazine regarding hyperactive magnetic field
31. **2016**- Interview by Earth Magazine regarding hyperactive magnetic field
32. **2017**- Interview Science Magazine The Supercontinent Puzzle
33. **2019**- Interview Scientific American: The day the field almost died.
34. **2019**- How stuff works Gondwana interview online article
35. **2019**- National Geographic interview on rapid magnetic reversals
36. **2019**- National Geographic interview on Jurassic aridification article
37. **2019**- UF Instagram video on Jurassic aridification.

Other (Community Service & Licenses, Outreach)

1. **2008**- Private Pilot Certificate Airplane Single Engine Land (ASEL).
2. **2008**-present Co-pilot on Angel Flights.

3. **2008**-present Faculty Advisor: Gator Aviators UF Sponsored Student Organization
4. **2009**-present Faculty Advisor: Geological Science Ambassadors.
5. **2007-2008**: Vice Chair Florida Citizens for Science.
6. **2009-2012**: Board Member Florida Citizens for Science
7. **2014**- Baseball Coach Lincoln Middle School JV, Gainesville, Fl
8. **2013**- Science Fair Judge 6-8th grade Alachua County Schools
9. **2013**- Guest Lecturer- Lincoln Middle School "Getting to know your mineral"
10. **2015-** Assistant Baseball Coach Lincoln Middle School Varsity, Gainesville, Fl.
11. **2014-2016**: Volunteer Ronald McDonald House of Gainesville, FL (20+ hours/year).
12. **2014**- Science Fair Judge Alachua County Schools
13. **2015**- Talk Science with Me Gainesville Public Library (July 6-8 pm). Science public outreach.
14. **2015**- Geology and Plate Tectonics, Lincoln Middle School Earth Science class.
15. **2015**- Talk Science with Me Archer, Florida (September 2015, 6-9 pm), Science public outreach.
16. **2015**- Science Fair Judge Alachua County Schools
17. **2016**- Varsity Baseball Coach, Lincoln Middle School
18. **2016**- Talk science with Me, Archer, Fl (January 20, 2016)
19. **2016**- Ask a Scientist Florida Museum of Natural History (March 6, 2016)
20. **2016**- Talk Science with Me, Gainesville Fl (July 21, 2016)
21. **2016**- Geology Introduction-Lincoln Middle School (October 2016)
22. **2016**- Plate Tectonics-Lincoln Middle School (November 2016)
23. **2017**- Junior Varsity Baseball Coach Lincoln Middle School (Spring 2017)
24. **2017**- Talk Science with Me, Melrose, Florida (summer 2017).
25. **2018**- Varsity Baseball Coach Lincoln Middle School (Spring 2018)
26. **2018**- College of Liberal Arts and Sciences STEM Panel (Jan 2018 Career Days)
27. **2019**- Talk Science with me, First Magnitude Brewery Gainesville