PETER DANIEL WILF

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EMPLOYMENT

Professor of Geosciences, *Pennsylvania State University*, July 2013–. Position co-funded by Penn State Institutes of Energy and the Environment.

OTHER APPOINTMENTS

Department of Biology Adjunct Faculty, *Pennsylvania State University*, from 2014.
National Museum of Natural History, *Smithsonian Institution,* Research Associate from 2001.
Denver Museum of Nature & Science, Research Associate from 2002.
Ameghiniana Editorial Board / Associate Editor, from 2014.
PeerJ Academic Editor / Editorial Board, from 2017.
Faculty associate: Earth and Environmental Systems Institute and Huck Institutes of the Life Sciences, *Pennsylvania State University*.

2013-2016, *PloS One* Editorial Board/Academic Editor.
2012–2014, Paleontological Society, Councilor Unrestricted (by election).
July 2007–June 2013, Associate Professor of Geosciences, *Pennsylvania State University*.
June 2002–June 2007, Assistant Professor of Geosciences, *Pennsylvania State University*.
2004–2006, *Geology* Editorial Board.
2002–2006, *Palaios* Associate Editor.

EDUCATION AND PRINCIPAL EXPERIENCE

September 1999–June 2002: Michigan Fellow and Visiting Assistant Professor, Museum of Paleontology, Department of Geological Sciences, and Michigan Society of Fellows, University of Michigan, Ann Arbor.
May 1998–August 1999: Postdoctoral Fellow, Department of Paleobiology, National Museum of Natural History, Smithsonian Institution, Washington, DC.
1998, April: Ph.D., Department of Geology, University of Pennsylvania.
1988–1993: Performing musician, Philadelphia and New York City. Major band: *Intuitive Music Unit* (IMU), original, instrumental music, avant-blues-jazz-fusion.
1987, summer: Pushkin Institute, Moscow. Russian language training program, American Council of Teachers of Russian.
1985–1988: Teacher of 7th and 8th grade mathematics, life science, and physical science, Westfield Friends School, Cinnaminson, NJ (full-time).
1985: B.A. Cum Laude, University of Pennsylvania: Russian History, Music and Mathematical Science. Benjamin Franklin Scholar.
1981: Friends' Central School. National Merit Scholar, Cum Laude, Foreign Language Award, Top Male Student Award.

MAJOR RESEARCH INTERESTS

I use fossil plants to investigate ancient ecosystems, past environmental change, and the evolution and extinction of plants and plant-insect associations. I emphasize questions with relevance for modern climate change, biodiversity, biogeography, and ecological processes. Significant field areas include Patagonia, Western Interior USA, Malay Archipelago, Australia, Panama, and southeastern Pennsylvania.

HONORS AND FELLOWSHIPS

2017: Fellow, Paleontological Society.
2016: Fellow, Geological Society of America.
2016: Paul F. Robertson Breakthrough of the Year Award, Penn State College of Earth & Mineral Sciences.
2015: Visiting Researcher, Faculty of Science, Universiti Brunei Darussalam, Brunei.
2014: Distinguished Member, National Society of Collegiate Scholars.

2013: George W. Atherton Award for Excellence in Teaching, Pennsylvania State University.
2011: Kavli Fellow, National Academy of Sciences and Alexander von Humboldt Foundation, 2011 German-American Frontiers of Science Symposium.
2011: Faculty honoree, First Year Experience Faculty Appreciation Luncheon.
2009 Fall-2012 Fall: Distinguished Lecturer, The Paleontological Society.
2005-2010: David and Lucile Packard Fellow in Science and Engineering.
2005-2008: John T. Ryan Jr. Faculty Fellow, Penn State College of Earth and Mineral Sciences.
1999-2002: Michigan Fellow, University of Michigan.
1998, May to 1999, August: Postdoctoral Fellow, Department of Paleobiology, National Museum of Natural History, Smithsonian Institution.
1997, June to August: Predoctoral Fellow, National Museum of Natural History, Smithsonian Institution.
1996-1997 academic year: Dissertation Fellow, University of Pennsylvania School of Arts and Sciences.
1996, spring: Dean's Scholar, University of Pennsylvania.
1990, June: Band (I.M.U.) nominated for "Best New Jazz Artist" category of Philadelphia Music Awards by Philadelphia Music Foundation, June, 1990.

RESEARCH GRANTS

In progress	**Role**	**Dates**	**Title**	**Source**	**Amount**
P. Wilf, M.A. Gandolfo, N.R. Cúneo, E.A. Hajek	PI	3/1/2016-2/29/2020	Collaborative Research: Patagonian Fossil Floras, the Keys to the Origins, Biogeography, Biodiversity, and Survival of the Gondwanan Rainforest Biome	NSF, DEB--Biodiversity Surveys and Inventories DEB-1556666	$1,429,024 ($992,847 to PSU, rest to Cornell)
Completed					
P. Wilf	PI	3/15/15-6/30/16	Travel Grant: First paleobotanical reconnaissance of Brunei	Penn State Institutes of Energy and Environment	$12,500
P. Wilf, M.A. Gandolfo, N.R. Cúneo, R.L. Slingerland, A. Iglesias	PI	8/15/2009-7/31/2015 [w/ 1 yr. ext.]	Collaborative Research: Ancient Biodiversity Hotspot in Southern South America: Evolution of Speciose Floras in Patagonia from Latest Cretaceous to Middle Eocene	NSF, DEB--Biodiversity Surveys and Inventories: DEB-0919071	$1,572,746 ($1,081,496 to PSU, rest to Cornell)
P. Wilf	PI	10/15/2005-10/14/2010 (ext. 10/31/2015)	David and Lucile Packard Fellowship for Science and Engineering	The David and Lucile Packard Foundation	$725,000
P. Wilf, M.A. Gandolfo, N.R. Cúneo, C.C. Labandeira, K.R. Johnson	PI	2004-2009	Extremely diverse fossil floras from the Paleogene of Patagonia, Argentina: Implications for origins of high plant and insect diversity in South America	NSF, DEB--Biodiversity Surveys and Inventories and EAR-Geology and Paleontology	$525,000
P. Wilf	PI	2005-2008	John T. Ryan, Jr. Faculty Fellowship	Penn State College of Earth and Mineral Sciences	$33,000
P. Wilf, D. Royer	PI	2004-2007	Why do leaves have teeth? Breakthroughs in paleoclimate analysis from biological understanding of leaf shape	ACS--PRF Type AC	$80,000
P. Wilf	PI	2003-2006	Acquisition of equipment for a paleobotany laboratory at Penn State	NSF, EAR GEO-Instrumentation and Facilities	$42,130
P. Wilf, M.A. Gandolfo, N.R. Cúneo, K.R. Johnson	PI	2002-2004	Investigations of exceptionally diverse floras from the Paleogene of Patagonia	National Geographic Society Committee for Research and Exploration	$20,600
P. Wilf	PI	2004	Recovery of plant-insect associations from the end-Cretaceous extinction, Great Plains region, USA	American Philosophical Society	$4,000
P. Wilf	PI	2003	Terrestrial paleobiology of South America, Cretaceous through Neogene	ACS--PRF Type SE	$2,400
P. Wilf, D. Uhl	PI	2003-2004	Leaf venation density as a tool for understanding ancient vegetation, plant-animal interactions, and climate changes	Wilson Research Initiation Grant (from Penn State EMS College)	$6,266

C.C. Labandeira, P. Wilf, K.R. Johnson	Co-PI	2001-2003	From the latest Cretaceous to the early Eocene: Role of temporal scale for understanding change in plant-insect associations	Smithsonian Scholarly Studies	$46,000
P. Wilf	PI	2001	A new look at leaves as climate indicators	Univ. Michigan Undergraduate Research Opportunities Program, Faculty Mini-Grant	$2,300
C.C. Labandeira, P. Wilf, K.R. Johnson	Co-PI	2001	Insect herbivore response to the early Cenozoic thermal interval	National Geographic Society Committee for Research and Exploration	$3,400
P. Wilf	PI	2000-2003	A new look at leaves as climate indicators	ACS-PRF Type G	$25,000
P. Wilf	PI	1997	Global warming 55 million years ago: How was the vegetation of South America affected?	University of Pennsylvania Research Foundation and Andrew W. Mellon Foundation	$10,000
P. Wilf	"PI"	1994, 1995	Student grants from societies (5 total)	Geological Society of America (2), Sigma Xi (2), Paleontological Society	$5,050

INVITED PROFESSIONAL TALKS (91)

2018, November. Entomological Societies of America and Canada Joint Meeting, keynote for symposium *Climate change: shifts in the geographical ranges and outbreak dynamics of forest insect pests and impacts on forest health*.

2018, November. University of British Columbia, Department of Forest & Conservation Sciences.

2018, November. Pennsylvania Botany Symposium, Penn State University.

2018 October. Boise State University Symposium: Biodiversity Hotspots.

2018, July. *Botany 2018*, Rochester, Minnesota, for colloquium *Plants at the Cretaceous-Paleogene boundary.*

2018, July. *Botany 2018*, Rochester, Minnesota, for colloquium *Fossil plants at the intersection of evo-devo and phylogeny: celebrating the contributions of Gar W. Rothwell to biodiversity and evolution.*

2018, July. Association for Tropical Biology and Conservation 55th Annual Meeting, Kuching, Malaysia, for symposium *Origins, assembly and evolution of the South and SE Asian biota: insights from rocks, fossils, genes and plots.*

2018, June. Xishuangbanna Tropical Botanical Garden, Yunnan (Paleoecology Group).

2018, May. For 13th Harvard Plant Biology Symposium, *Natural History Collections in the Anthropocene*.

2017, October, "Lightning Talk" for EdTech Engage Symposium, *AI and Machine Learning in Higher Ed*, Penn State.

2017, August. 3rd Southeast Asian Gateway Evolution Meeting, Bogor, Indonesia, for symposium *Origins of the Southeast Asian Rainforest,*

2017, June. For symposium *The Role of Boundaries in Plant Diversification*, *Botany 2017*, *Fort Worth*.

2017, May. The Holden Arboretum, Scientist Lecture Series.

2016, June. Museo Egidio Feruglio, Trelew, Argentina.

2016, January. Steinmann Institut für Geologie, Mineralogie und Paläontologie, Universität Bonn.

2016, January. Max Planck Institute for Plant Breeding Research, Cologne, Germany.

2015, September. Arizona State University, School of Life Sciences.

2015, July. For *Botany 2015* (Edmonton) Colloquium, *Mesozoic and Cenozoic plant evolution and biotic change: A symposium in honor of Ruth Stockey*.

2015, May. Universiti Brunei Darussalam, Dept. of Petroleum Geoscience.

2015, February. Bucknell University, Dept. of Geology.

2015, January, Penn State University, Dept. of Geography.

2014, November, Plenary Lecture for *Plants 2014, International Conference on Advances in Plant Sciences*, Kuching, Malaysia.

2014, October, Penn State University, Dept. of Biology.

2014, August. Herbarium Bogoriense, West Java, Indonesia.

2014, May, Polar Center, Penn State University.

2014, March, 59th Ermine Cowles Case Memorial Lecture, University of Michigan, Museum of Paleontology.

2014, February, 10th North American Paleontological Conference, Gainesville, for session: *The Cretaceous-Paleogene Gondwanan Expressway*.
2014, January, University of Chicago, Department of Geophysical Sciences.
2013, February, Michigan State University, Department of Geological Sciences.
2012, November, University of Illinois at Urbana-Champaign, Program in Ecology, Evolution, and Conservation Biology.
2012, November, Pittsburgh Geological Society.
2012, October, Swarthmore College, Department of Biology, *The Challenges of Climate Change* series.
2012, February, University of Wisconsin-Madison, Department of Geoscience.
2011, November, Swarthmore College, Department of Mathematics and Statistics.
2011, October, University of North Carolina, Wilmington, for National Fossil Day.
2011, October, Pennsylvania State University, School of Forest Resources.
2011, September, Packard Fellows 23rd Annual Meeting, Monterey.
2011, July, International Botanical Congress, Melbourne, Australia, for Session: *Cenozoic Paleofloras of the Southern Hemisphere: Analyzing Ancient Floras Using Modern Techniques.*
2011, May, University of Buenos Aires, Argentina: Instituto de Geociencias Básicas, Aplicadas y Ambientales de Buenos Aires, Departamento de Ciencias Geológicas, y la Asociación Argentina de Sedimentología.
2011, April, University of California Riverside, Department of Earth Sciences.
2011, April, NAS / Humboldt Foundation 17th Annual German-American Kavli Frontiers of Science symposium, Irvine, CA, for Session: *Climate Change and Biodiversity: Paradise Lost or Found?* Online at http://www.nasonline.org/programs/kavli-frontiers-of-science/multimedia-gallery/peter-wilf.html.
2011, February, University of Indiana, Bloomington, Department of Geological Sciences.
2011, January, University of Washington, Department of Biology.
2010, December, Lafayette College, Department of Geology & Environmental Geosciences.
2010, November, University of Illinois at Chicago, Department of Earth and Environmental Sciences.
2010, October, University of North Carolina, Distinguished Seminar in Ecology and Evolutionary Biology, Department of Biology.
2010, September, Yale University, Department of Geology and Geophysics.
2010, July, Genes to Geosciences Outlook, Macquarie University, Australia.
2010, March. University of Kansas, Charles D. Michener Lecture, Department of Ecology and Evolutionary Biology and Department of Geology.
2010, February, VI Southern Connection Congress, Bariloche, Argentina.
2009, October. Penn State University, Earth Talks series.
2009, January. Penn State University, Department of Biology.
2008, November. Keynote speaker, XII Simpósio Brasileiro de Paleobotânica e Palinologia, Florianópolis, Santa Catarina, Brazil.
2008, October. Drexel University, Department of Bioscience and Biotechnology.
2008, October. For Paleontological Society Centennial Short Course, *From Evolution to Geobiology: Research Questions Driving Paleontology at the Start of a New Century.* In conjunction with the Centennial Meeting of the Paleontological Society, at GSA, Houston.
2008, February. Wesleyan University, Department of Earth and Environmental Sciences.
2007, September. Penn State University, Ecology Program.
2007, April. University of California, Santa Cruz, Department of Earth Sciences (two talks).
2007, April. University of California, Berkeley, Department of Integrative Biology.
2007, April. Stanford University, Department of Geological & Environmental Sciences.
2007, March. University of New Mexico, Department of Biology (two talks).
2006, November. Museo Paleontológico Egidio Feruglio, Trelew, Argentina.
2006, October. Harvard University, Earth History and Paleobiology Seminar Series.
2006, September. Packard Fellows 18th Annual Meeting, Monterey.
2006, August. Smithsonian Tropical Research Institute, Republic of Panama (2 talks).
2006, June. Second International Paleontological Congress, Beijing. For Special Session, *Geo-biodiversity: Taxa, Morphology, and Ecology*.
2006, January. Yale University, Department of Geology and Geophysics.
2004, February. Penn State University, Department of Entomology.

2003, June. National Museum of La Plata, Argentina.
2003, September. Syracuse University, Department of Earth Sciences.
2003, February. For AAAS Annual Meeting symposium, *Lessons from disturbed land ecosystems in the fossil record,* Denver.
2003, February. University of Pennsylvania, Department of Earth and Environmental Science.
2002, November. Paleontological Association of Argentina, Buenos Aires.
2002, November. For *Insect extinction: historical and ecological patterns*, symposium for Entomological Society of America Annual Meeting, Fort Lauderdale.
2002, July. *Workshop on Cretaceous climate and ocean dynamics*, Florissant, Colorado, sponsored by JOI/USSP.
2001, April. Department of Geosciences, Pennsylvania State University.
2001, March. Virginia Polytechnic Institute, Department of Geological Sciences,.
2001, January. University of Michigan, Department of Biology.
2000, December. Smithsonian Institution, Department of Paleobiology, National Museum of Natural History.
2000, September. Yale University, *Topics in Global Change* seminar series, Department of Geology and Geophysics.
2000, September. Carnegie Museum of Natural History.
2000, May. University of Balochistan and Geological Survey of Pakistan, Quetta, Pakistan.
1999, October. Pardee Keynote Symposium, *Globally warm climates of the early Cenozoic: Evidence, causes and biotic consequences*, Geological Society of America Annual Meeting, Denver.
1999, October. University of Michigan, Turner Lecture, Department of Geological Sciences.
1999, October. Field Museum of Natural History, Department of Geology.
1999, January. Florida Museum of Natural History, Department of Natural Sciences.
1998, December. Smithsonian Institution, Department of Paleobiology, National Museum of Natural History.
1998, October. University of Chicago, Department of Geophysical Sciences.
1997, October. George Washington University, Department of Geology.
1997, September. Field Museum of Natural History, Department of Geology.
1996, April. Geological Society of America Penrose Conference, *Paleocene-Eocene boundary events in time and space*, Albuquerque.

PROFESSIONAL COMMENTARY ABOUT PW'S WORK

Tosolini, A.M. 2017. Palaeoecology: north–south recovery divide. *Nature Ecology & Evolution* 1, Article 33 (*News and Views* on Donovan et al. 2016).
Sugden, A.M. 2015. Origins of the Southern Hemisphere flora. *Science* 347: 39-40 (*Editors' Choice* on Wilf & Escapa 2014).
Zahn, L.M. 2014. Ancient leaves tattle on insects. *Science* 344: 985 (*Editors' Choice* on Carvalho et al. 2014).
Keating, R.C. 2009. *Manual of Leaf Architecture* (Book Review). *Systematic Botany* 34: 825.
Cressler, W.L. III. 2009. *Manual of Leaf Architecture* (Book Review). *Choice Reviews Online*, American Library Association, November 2009 issue, article 47-1416.
Hadly, E. Faculty of 1000 Recommendation (on Crisp et al. 2009), Faculty of 1000 Biology, 27 April 2009.
Clarke, A. 2008. Faculty of 1000 Recommendation (on Wilf 2008), Faculty of 1000 Biology, 20 May 2008.
DeLucia, E.H., C.L. Casteel, P.D. Nabity, B.F. O'Neill. 2008. Insects take a bigger bite out of plants in a warmer, higher carbon dioxide world. *PNAS* 105: 1781-1782. (Commentary on Currano et al. 2008).
Riddihough, G. 2007. Nasty, brutish, and short. *Science* 318: 1218 (*Editors' Choice* on Royer et al. 2007).
Kitching, R.L., 2006. Crafting the pieces of the diversity jigsaw puzzle. *Science* 313: 1055-1057 (*Perspective* on Wilf et al. 2006).
Hanson, B. 2004. Turning over a new leaf. *Science* 305: 1534 (*Editors' Choice* on Wilf and Johnson 2004).
Axsmith, B. 2004. Paleobotany Highlights. *Geotimes*, July, 2004.
Knapp, S., and Mallet, J. 2003. Refuting refugia? Science 2003 300: 71-72. (*Perspective* on Wilf et al. 2003)
Rowan, L. 2002. Leaving their mark. *Science* 295:1603 (*Editors' Choice* on Labandeira et al. 2002).
DeVore, M., and Pigg, K. 2002. Paleobotany Highlights. *Geotimes*, July, 2002.

Huber, M. Global climate change: a glance in the rear view mirror. *Geotimes*, December 2001.
Coley, P. D., 1999. Hungry herbivores seek a warmer world. *Scienc*e 284:2098-2099 (*Perspective* on Wilf and Labandeira 1999).

PUBLICATIONS

key: *Undergraduate; †Graduate Student; ‡Postdoc; °Visiting Scholar at time work was done, at Penn State or lab of close collaborator.

Peer-reviewed

(83) Bippus† AC, IH Escapa, P Wilf, AMF Tomescu. Fossil fern rhizomes as a model system for biotic interactions across geologic time: Evidence from Patagonia. *PeerJ*, pending revisions.

(82) Andruchow-Colombo† A, IH Escapa, RJ Carpenter, RS Hill, A Iglesias, A Abarzua, P Wilf. Oldest record of scale-leaved Podocarpaceae, early Paleocene of Patagonia, Argentina. *Alcheringa*, pending revisions.

(81) Jud‡ NA, A Iglesias, P Wilf, MA Gandolfo,. 2018. Fossil moonseeds from the Paleogene of West Gondwana (Patagonia, Argentina). *American Journal of Botany,* in press, doi:10.1002/ajb2.1092.

(80) Donovan† MP, A Iglesias, P Wilf, CC Labandeira, NR Cúneo. 2018. Diverse plant-insect associations from the latest Cretaceous and early Paleocene of Patagonia, Argentina. *Ameghiniana*, doi:10.5710/AMGH.15.02.2018.3181.

(79) Escapa IH, A Iglesias, P Wilf, SA Catalano, MA Caraballo-Ortiz, NR Cúneo. 2018. *Agathis* trees of Patagonia's Cretaceous-Paleogene death landscapes and their evolutionary significance. *American Journal of Botany*, in press.

(78) Carpenter RJ, A Iglesias, P Wilf. 2018. Early Cenozoic vegetation in Patagonia: new insights from organically preserved plant fossils (Ligorio Márquez Formation, Argentina). *International Journal of Plant Sciences*, v. 179, p. 115-135.

(76) Jud‡ NA, MA Gandolfo, A Iglesias, P Wilf. 2018. Fossil flowers from the early Palaeocene of Patagonia, Argentina with affinity to Schizomerieae (Cunoniaceae). *Annals of Botany*, v. 121, p. 431-442.

(77) Wilf P, MP Donovan†, NR Cúneo, MA Gandolfo. 2017. The fossil flip-leaves (*Retrophyllum*, Podocarpaceae) of southern South America. *American Journal of Botany*, v. 104, p. 1344-1369.

(75) Wright I, Ning D, Maire V, Prentice IC, Westoby M, Diaz S, Gallagher RV, Jacobs BF, Kooyman R, Law EA, Leishman MR, Niinemets Ü, Reich PB, Sack L, Villar R, Wang H, Wilf P. 2017. Global climatic drivers of leaf size. *Science*, v. 357, p. 917-921.

(74) Wu° J-Y, Wilf P, Ding S-T, An P-C, Dai J. 2017. Late Miocene *Cyclocarya* (Juglandaceae) from southwest China and its biogeographic implications. *International Journal of Plant Sciences*, v. 178, p. 580-591.

(73) Jud‡ NA, MA Gandolfo, A Iglesias, P Wilf. 2017. Flowering after disaster: early Danian buckthorn (Rhamnaceae) flowers and leaves from Patagonia. *PLoS One*, 12: e0176164.

(72) Krause JM, WC Clyde, M Ibañez-Mejia, MD Schmitz, T Barnum, ES Bellosi, P Wilf. 2017. New age constraints for early Paleogene strata of central Patagonia, Argentina: implications for the timing of South American land mammal ages. *GSA Bulletin*, v. 129, p. 886-903.

(71) Wilf P, MR Carvalho†, MA Gandolfo, NR Cúneo. 2017. Eocene lantern fruits from Gondwanan Patagonia and the early origins of Solanaceae. *Science*, v. 355, p. 71-75.

(70) Donovan† MP, A Iglesias, P Wilf, CC Labandeira, NR Cúneo. 2016. Rapid recovery of Patagonian plant-insect associations after the Cretaceous-Paleogene mass extinction. *Nature Ecology & Evolution*, v. 1, art. 12, doi:10.1038/s41559-016-0012.

(69) Wilf P, DW Stevenson, NR Cúneo. 2016. The last Patagonian cycad, *Austrozamia stockeyi* gen. et sp. nov., early Eocene of Laguna del Hunco, Chubut, Argentina. *Botany*, v. 94, p. 817-829 (invited

for Special Issue "*Mesozoic and Cenozoic Plant Evolution and Biotic Change*, a collection of research inspired by, and honouring, Ruth A. Stockey."

(68) Wilf, P, S Zhang, S Chikkerur, SA Little‡, SL Wing, T Serre. 2016. Computer vision cracks the leaf code. *PNAS*, v. 113, p. 3305-3310.

(67) Elliott† SJ, CL Grettenberger†, MP Donovan†, P Wilf, RC Walter, DJ Merritts. 2016. Riparian and valley-margin hardwood species of pre-colonial Piedmont forests: A preliminary study of subfossil leaves from White Clay Creek, southeastern Pennsylvania, USA. *Palaeontologia Electronica* 19.1.2A: 1-26.

(66) Wilf P, Escapa IH. 2016. Molecular dates require geologic testing. Reply to Wang & Mao (2016). *New Phytologist*, v. 209, p. 1359-1362.

(65) Su°, T, P Wilf, Y Huang, S Zhang, Z Zhou. 2015. Peaches preceded humans: fossil evidence from SW China. *Nature Scientific Reports* 5, art. 16794.

(64) Wilf P, Labandeira CC. 2015. The fossil record of mutualisms. Pp. 39-41 in *Mutualism*, ed. JL Bronstein, Oxford University Press. Viewable on Google Books: https://goo.gl/hMNeCQ.

(63) Merkhofer† L, P Wilf, MT Haas*, RM Kooyman, L Sack, C. Scoffoni, NR Cúneo. 2015. Resolving Australian analogs for an Eocene Patagonian paleorainforest using leaf size and floristics. *American Journal of Botany*, v. 102, p. 1160-1173. [corresponding author]

(62) Comer† EE, RL Slingerland, JM Krause, A Iglesias, WC Clyde, MS Raigemborn, P Wilf. 2015. Sedimentary facies and depositional environments of diverse early Paleocene floras, north-central San Jorge Basin, Patagonia, Argentina. *Palaios*, v. 30, p. 553-573 (cover article). [corresponding author]

(61) Villar de Seoane L, NR Cúneo, IH Escapa, P Wilf, MA Gandolfo. 2015. *Ginkgoites patagonica* (Berry) comb. nov. from the Eocene of Patagonia, last ginkgoalean record in South America. *International Journal of Plant Sciences*, v. 176, p. 346-363, with Erratum p. 364.

(60) Wilf P, Escapa IH. 2015. Green Web or megabiased clock? Plant fossils from Gondwanan Patagonia speak on evolutionary radiations. *New Phytologist*, v. 207, p. 283–290 (invited *Tansley Insight* for Special Issue: *Evolutionary Plant Radiations*).

(59) Kooyman RM, Wilf P, Barreda, VD, Carpenter RJ, Jordan GJ, Sniderman JMK, Allen A, Brodribb TJ, Crayn D, Feild TS, Laffan SW, Lusk CH, Rossetto M, Weston PH. 2014. Paleo-Antarctic rainforest into the modern Old World tropics: the rich past and threatened future of the 'southern wet forest survivors.' *American Journal of Botany*, v. 101, p. 2121-2135.

(58) Su° T, P Wilf, H Xu, Z-K Zhou. 2014. Miocene leaves of *Elaeagnus* (Elaeagnaceae) from the Qinghai-Tibet Plateau, its modern center of diversity and endemism. *American Journal of Botany*, v. 101, p. 1350-1361.

(57) Carpenter RJ, P Wilf, JG Conran, NR Cúneo. 2014. A Paleogene trans-Antarctic distribution for *Ripogonum* (Ripogonaceae: Liliales)? *Palaeontologia Electronica*, v. 17, article 17.3.39A, 9p.

(56) Donovan† M, P Wilf, CC Labandeira, KR Johnson, DJ Peppe. 2014 Novel insect leaf-mining after the end-Cretaceous extinction and the demise of Cretaceous leaf miners, Great Plains, USA. *PloS One*, v. 9: e103542.

(55) Little‡ SA, WA Green, SL Wing, P Wilf. 2014. Reinvestigation of leaf rank, an underappreciated component of Leo Hickey's legacy. *Bulletin of the Peabody Museum of Natural History*, v. 55, p. 79-87.

(54) Carvalho† M.R., P. Wilf, H. Barrios, E.D. Currano, D.M. Windsor, C.A. Jaramillo, C.C. Labandeira. 2014. Insect leaf-chewing damage tracks herbivore richness in modern and ancient forests. *PloS One*, v. 9: e94950, 9 p.

(53) Wilf P, IH Escapa, NR Cúneo, RM Kooyman, KR Johnson, A Iglesias. 2014. First South American *Agathis* (Araucariaceae), Eocene of Patagonia. *American Journal of Botany*, v. 101, p. 156-179.

(52) Clyde WC, P Wilf, A Iglesias, RL Slingerland, T Barnum, PK Bijl, TJ Bralower, H Brinkhuis, EE Comer†, BT Huber, M Ibañez-Mejia, BR Jicha, JM Krause, JD Schueth, BS Singer, MS Raigemborn, MD Schmitz, A Sluijs, MC Zamaloa. 2014. New age constraints for the Salamanca Formation and lower Río Chico Group in the western San Jorge Basin, Patagonia, Argentina: implications for K/Pg extinction recovery and land mammal age correlations. *Geological Society of America Bulletin*, v. 126, p. 289-306.

(51) Cornwell WK, et al. (26 authors). 2014. Functional distinctiveness of major plant lineages. *Journal of Ecology*, v. 102, p. 345-356.

(50) Elliott† SJ, P Wilf, RC Walter, DJ Merritts. 2013. Subfossil leaves reveal a new upland floral component of the pre-European Piedmont landscape, Lancaster County, Pennsylvania. *PloS One*, , v. 8, e79317, 26 p. [corresponding author]

(49) Knight† CL, P Wilf. 2013. Rare leaf fossils of Monimiaceae and Atherospermataceae (Laurales) from Eocene Patagonian rainforests and their biogeographic significance. *Palaeontologia Electronica*, v. 16, article 16.3.26A, 39 p. [corresponding author]

(48) Macphail M, RJ Carpenter, A Iglesias, P Wilf. 2013. First fossil evidence for Wollemi Pine-type pollen (*Dilwynites*: Araucariaceae) in South America. *PloS One*, 8: e69281, 8 p.

(47) Carvalho† MR, P Wilf, MA Gandolfo, EJ Hermsen‡, KR Johnson, NR Cúneo. 2013. First record of *Todea* (Osmundaceae) in South America, from the early Eocene paleorainforests of Laguna del Hunco (Patagonia, Argentina). *American Journal of Botany*, v. 100, p. 1831-1848.

(46) Wilf P, NR Cúneo, IH Escapa, D Pol, MO Woodburne. 2013. Splendid and seldom isolated: the paleobiogeography of Patagonia. *Annual Review of Earth and Planetary Sciences*, v. 41, p. 561-603.

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Other publications

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(2) Leaf Architecture Working Group (Ash, A., B. Ellis, L.J. Hickey, K.R. Johnson, P. Wilf, and S.L. Wing). 1999. Manual of Leaf Architecture: Morphological description and categorization of dicotyledonous and net-veined monocotyledonous angiosperms. Smithsonian Institution, Washington, DC. 65 p. (www.peabody.yale.edu/collections/pb/MLA)

(1) Wilf, P. 1998. Using fossil plants to understand global change: Evidence for Paleocene-Eocene warming in the greater Green River Basin of southwestern Wyoming. Doctoral dissertation, University of Pennsylvania, Philadelphia, 384 p.

Abstracts (since 2017, plus 131 prior not listed)

key: *undergraduate author; †graduate student; ‡postdoc at time work was done.

2018

Andruchow-Colombo† A, IH Escapa, RJ Carpenter, RS Hill, A Iglesias, A Abarzua, P Wilf. 2018. Primer registro fósil del clado de hojas escamosas (Podocarpaceae) en el Paleoceno inferior de la Formación Salamanca (Chubut, Argentina): implicancias en la evolución temprana del grupo. *XVII Simposio Argentino de Paleobotánica y Palinología, Paraná, Argentina.*

Escapa IH, A Iglesias, P Wilf, SA Catalano, MA Caraballo-Ortiz, NR Cúneo. 2018. *Agathis* fossils from the Cretaceous-Paleogene boundary interval of Patagonia and the dilemma of Araucariaceae. *Botany 2018*, Rochester, Minnesota.

Jud NA, MA Gandolfo, P Wilf, A Iglesias. 2018. Remarkable diversity of fossil flowers from the early Paleocene (Danian) Salamanca Formation, Chubut, Argentina. *Botany 2018*, Rochester, Minnesota.

Rossetto† G, IH Escapa, P Wilf. 2018. Was *Araucaria* Sec. *Eutacta* living in Eocene Patagonia? Systematic revision of *Araucaria pichileufensis* indicates an Australasian rainforest connection.

Stiles† E, P Wilf, A Iglesias, MA Gandolfo, NR Cúneo. 2018. Quantifying macrofloral extinction and morphological diversity across the K-Pg boundary in Argentine Patagonia. *Botany 2018*, Rochester, Minnesota.

Su T, P Wilf, J Huang, Z-K Zhou. 2018. Paleobotany in tropical SE Asia: progress and opportunities. *Association for Tropical Biology and Conservation 55th Annual Meeting, Kuching, Malaysia.*

Wilf P. 2018. The first Gondwanan Fagaceae: early Eocene castaneoids from Patagonia and the paleo-Antarctic component of Southeast Asian tropical rainforests. *Botany 2018*, Rochester, Minnesota. (invited).

Wilf P. 2018. The first Gondwanan Fagaceae: early Eocene castaneoids from Patagonia and the paleo-Antarctic component of Southeast Asian tropical rainforests. *Association for Tropical Biology and Conservation 55th Annual Meeting, Kuching, Malaysia* (invited).

Wilf P, TJ Bralower. 2018. Geographic variation in marine and terrestrial primary-producer response to the terminal Cretaceous event. *Botany 2018*, Rochester, Minnesota (invited).

Wilf P. SJ Elliott, CL Grettenberger, MP Donovan, RC Walter, RJ Merritts. 2018. Subfossil leaves reveal streamside tree communities of the pre-European Piedmont landscape, southeastern Pennsylvania. For 2018 *Pennsylvania Botany Symposium*, Penn State University (invited).

2017

Donovan† MP, CC Labandeira, A Iglesias, P Wilf, NR Cúneo. 2017. Insect herbivore communities tracked the conifer *Agathis* (Araucariaceae) from Paleogene Patagonia to modern Australasia and Southeast Asia. *Botany 2017*, Fort Worth.

Jud‡ NA, MA Gandolfo, A Iglesias, P Wilf. Early Paleocene flowers confirm a deep history for Cunoniaceae in South America. *Botany 2017*, Fort Worth.

Jud‡ NA, MA Gandolfo, A Iglesias, P Wilf. First fossil flowers from the Danian (earliest Paleocene) of South America reveal complex biogeographic history of Gondwanan flora. *XIX International Botanical Congress, Shenzhen, China*..

Wilf P, RM Kooyman. 2017. Palaeo-Antarctic plant lineages in rainforests of Australasia and Southeast Asia: diversity, abundance and ecology. *3rd Southeast Asian Gateway Evolution Meeting, Bogor, Indonesia, Abstracts:* 114 (invited).

Krause JM, WC Clyde, M Ibañez-Mejía, MD Schmitz, ES Bellosi, P Wilf. 2017. New perspectives on the chronostratigraphy of lower Paleocene-middle Eocene sequences in the San Jorge Basin. *XX Congreso Geológico Argentino, Tucumán, Argentina*.

Wilf P. 2017. Tectonic, climatic, and mass extinction boundaries and the paleo-Patagonian diaspora flora of Australasia, Southeast Asia, and the Neotropics. Invited for symposium *The Role of Boundaries in Plant Diversification*, *Botany 2017*, *Fort Worth*.

Wilf P, MP Donovan†, NR Cúneo, MA Gandolfo. 2017. The fossil flip-leaves (*Retrophyllum*, Podocarpaceae) of southern South America. *34th Midcontinent Paleobotanical Colloquium, Ann Arbor, Michigan*.

Wilf P, RM Kooyman. 2017. Patagonia to Kinabalu: plant fossils show significant West Gondwanan legacy in SE Asian rainforests. *3rd Southeast Asian Gateway Evolution Meeting, Bogor, Indonesia, Abstracts:* 230.

TEACHING

1. Teaching at Penn State

Courses

Semester	Course No.	Course Title	Co-taught w/ (if appl.)	Type/credits	Final enrollment
2018					
Spring	Geosc 204	Geobiology		Core /4	45
Spring	Geosc 597	Paleobiology Seminar	Mark Patzkowsky	Grad. Seminar/1	10
2017					
Fall	Geosc/Biol 420	Paleobotany		Elective/3	18
Fall	Geosc 497	Geoscholarship		Elective/3	11
(spring)	(sabbatical leave)				
2016					
(fall)	(sabbatical leave)				
Spring	Geosc 204	Geobiology		Core /4	44
Spring	Geosc 597	Paleobiology Seminar	Mark Patzkowsky, Tim Bralower	Grad. Seminar/1	9
Spring					
2015					
Fall	*Geosc 497*	*Geoscience Scholarship*		*Elective/3*	*5*
Fall	Earth 150	Dinosaur Extinctions and Other Controversies		Gen. Ed./3	224
Spring	Geosc/Biol 420	Paleobotany		Elective/3	19
Spring	Geosc 597	Paleobiology Seminar	Mark Patzkowsky	Grad. Seminar/1	9
2014					
Fall	Geosc 497	Geoscience Scholarship		Elective/3	7
Fall	Earth 150	Dinosaur Extinctions and Other Controversies		Gen. Ed./3	219
Spring	Geosc 597	Paleobiology Seminar	Mark Patzkowsky	Grad. Seminar/1	8
Spring	Geosc 204	Geobiology		Core /4	46
2013					
Fall	Geosc 497	Geoscience Scholarship		Elective/3	10
Fall	Earth 150	Dinosaur Extinctions and Other Controversies		Gen. Ed./3	221
Spring	Geosc/Biol 420	Paleobotany		Elective/3	19
Spring	Geosc 597	Paleobiology Seminar	Mark Patzkowsky, Russ Graham	Grad. Seminar/1	6
2012					
[Fall	Teaching buyout, no classes]				
Spring	Geosc 204	Geobiology		Core /4	39

Spring	Geosc 597	Paleobiology Seminar	Mark Patzkowsky, Russ Graham	Grad. Seminar/1	10
2011					
Fall	Earth 150	Dinosaur Extinctions and Other Controversies		Gen. Ed./3	225
Fall	Geosc 497	Geoscience Scholarship		Elective/3	8
Spring	Geosc/Biol 420	Paleobotany		Elective/3	19
Spring	Geosc 597	Paleobiology Seminar	Mark Patzkowsky, Russ Graham	Grad. Seminar/1	10
2010					
Fall	Earth 150	Dinosaur Extinctions and Other Controversies		Gen. Ed./3	218
Fall	Geosc 597	Plant Paleobiology Seminar		Grad. Seminar/2	6
Spring	Geosc 204	Geobiology		Core /4	42
Spring	Geosc 597	Paleobiology Seminar	Russ Graham	Grad. Seminar/1	9
Spring					
2009					
Fall	Geosc 597A	Earth Talks Seminar		Grad seminar/2	10
Fall	Earth 150	Dinosaur Extinctions and Other Controversies		Gen. Ed./3	206
[Spring	Sabbatical, no classes.]				
2008					
[Fall	Sabbatical, no classes.]				
Spring	Geosc 204	Geobiology		Core /4	24
Spring	Geosc 597	Paleobiology Seminar	Mark Patzkowsky, Russ Graham	Grad. Seminar/1	8
2007					
Fall	Earth 150	Dinosaur Extinctions and Other Controversies		Gen. Ed./3	222
Fall	Geosc 597	Paleobiology Seminar	Mark Patzkowsky, Russ Graham	Grad. Seminar/1	7
Spring	Geosc/Biol 420	Paleobotany		Elective/3	11
Spring	Geosc 597	Paleobiology Seminar	Mark Patzkowsky	Grad. Seminar/1	5
2006					
Fall	Earth 150	Dinosaur Extinctions and Other Controversies		Gen. Ed./3	82
Fall	PSU 010	Fossils on the Cutting Edge		Fresh. Seminar/1	18
Fall	Geosc 597	Paleobiology Seminar	Mark Patzkowsky	Grad. Seminar/1	7
Spring	Geosc 204	Geobiology		Core /4	24
Spring	Geosc 597	Paleobiology Seminar	Mark Patzkowsky	Grad. Seminar/1	7
Fall	Earth 150	Dinosaur Extinctions and Other Controversies		Gen. Ed./3	83

Fall	Geosc 597	Paleobiology Seminar	Mark Patzkowsky	Grad. Seminar/1	7
Spring	Geosc/Biol 420	Paleobotany		Elective/3	18
Spring	Geosc 597	Paleobiology Seminar	Mark Patzkowsky	Grad. Seminar/1	8
Fall	Geosc 597	Terrestrial Paleoecology		Grad. Seminar/2	6
Fall	Geosc 597	Paleobiology Seminar	Mark Patzkowsky	Grad. Seminar/1	9
Fall	Earth 150	Dinosaur Extinctions and Other Controversies		Gen. Ed./3	88
Spring	Geosc 204	Geobiology		Core /4	19
Spring	Geosc 597	Paleobiology Seminar	Mark Patzkowsky	Grad. Seminar/1	10
2003					
Fall	Earth 297b	Dinosaur Extinctions and Other Controversies		Gen. Ed./3	34
Fall	Geosc 597	Paleoclimate Proxies	Dana Royer	Grad. Seminar/2	6
Fall	Geosc 597	Paleobiology Seminar	Mark Patzkowsky	Grad. Seminar/1	9
Spring	Geosc 204	Geobiology	Mark Patzkowsky	Core /4	21

Supervision of student and postdoctoral research, and hosting Visiting Scholars

Visiting Scholars

Dr. Wu Jingyu (2015-2016 full year), from Lanzhou University, Lanzhou, China.

Dr. Su Tao (Fall 2013), from Xishuangbanna Tropical Garden, Yunnan, China.

Postdoctoral Research Scientist.

Dr. Ari Iglesias (2007-2008). Current- CO*NICET Adjunct Investigator*, Univ. Comahue.

Dr. Stefan A. Little (2006-2009). Current- Postdoc, University of Victoria.

Dr. Dana Royer, 2002–2005. Current- Professor of Earth and Environmental Sciences, Wesleyan University. 2010 GSA Donath Medalist (Young Scientist Award).

Ph.D.

Dr. Michael Donovan, defended June 12, 2017. *Recovery of plant-insect associations in Patagonia, Argentina after the end-Cretaceous extinction.* Current- Smithsonian Peter Buck Postdoctoral Fellow 2017-2019.

Dr. Ellen Currano, defended June 11, 2008. *Variations in insect herbivory on angiosperm leaves through the late Paleocene and early Eocene in the Bighorn Basin, Wyoming, USA*. Current–Associate Professor of Biology and Geology, University of Wyoming.

M.S.

Elena Stiles Rosselli, 2017--

Gabriella Rossetto, 2017--.

Lisa Merkhofer, defended June 2, 2014. *Sizing up the leaves of an Eocene Patagonian paleorainforest and its Australian analogs.*

Michael Donovan, defended June 14, 2013. *Evidence for a novel insect leaf-mining fauna after the end-Cretaceous extinction and the demise of Cretaceous leaf miners (Mexican Hat, early Paleocene, Montana, USA).*

Sara Elliott, defended July 5, 2012. *Subfossil leaves from Lancaster County, Pennsylvania reveal a new upland floral component of the pre-European Piedmont landscape*.

Cassandra Knight, defended July 5, 2012, *Rare leaf fossils of Monimiaceae And Atherospermataceae (Laurales) from Eocene Patagonian rainforests and their biogeographic significance*.

Mónica Ramírez Carvalho, defended June 16, 2011, *Tropical canopy insects link leaf damage in fossil and living forests*.

Christen Grettenberger(Miller), defended Jun 8, 2011, *Lessons from soggy leaves: a pre-settlement flora from White Clay Creek, Chester County, Pennsylvania*.

Bárbara Cariglino, defended March 28, 2007, *Paleoclimatic analysis of the Eocene Laguna del Hunco, Green River, and Republic floras using digital leaf physiognomy*.

Committee member for

Judi Sclafani (PhD)
Ashley Grey (MS, defended May 9, 2017)
Dr. Max Christie (PhD, defended June 8, 2017)
Eriks Perkons (MS, defended February 17, 2016)
Dr. Heather Graham (PhD, defended September 26, 2013)
Travis Deptola (MS, defended September 2012)
Emily Comer (MS, defended August 8, 2011)
Dr. Jocelyn Sessa (PhD, defended May, 2009)
Dr. James Bonelli (PhD, defended June, 2008)
Dr. Andrew Krug (PhD, defended March 2006)
Dr. Elizabeth Kowalski (Ph.D. at U. Michigan Museum of Paleontology, defended January, 2001.)

Senior thesis

Tyler Haas, 2014. *What's hiding in plain sight in fossil leaf assemblages? Recovering large leaves from unidentified fossil leaf fragments.*

Kaitlyn McMullen, 2013. *Does leaf vein density predict species abundance? A test from the fossil record.*

Daniel Danehy, 2006. *An early Eocene fossil leaf flora from the Red Hot Truck Stop locality (Meridian, Mississippi) and its biogeographic and paleoenvironmental significance*.

Crystal Kirby, 2005. *Correlating climate and leaf economics to leaf physiognomy within a single California oak species (*Quercus kelloggii *Newberry)*, 22 p.

David Janesko, 2004, *Digital leaf physiognomy: calibration and testing of a new paleothermometer using modern floras*, 85 p.

Undergraduate lab assistants at Penn State

David Janesko, Lindsay Mathwick, Crystal Kirby, Daniel Danehy, Eriks Perkons, Kevin Rega, Alysa Young, Dylan Frey, Jennifer Kissell, Katie McMullen, Xiaoyu Zou.

2. Teaching prior to employment at Penn State
University-level courses taught

University	Role	Semester	Course Title	Type/hrs. per week	Enrollment	Student evaluation* / possible points
University of Michigan	Professor	Winter 2002	Dinosaur Extinctions and Other Controversies	Freshman seminar/ 3.0	20	4.94/ 5
University of Michigan	Professor	Winter 2001	Dinosaur Extinctions and Other Controversies	Freshman seminar/ 3.0	20	4.73/ 5
University of Michigan	Professor	Winter 2000	Dinosaur Extinctions and Other Controversies	Freshman seminar/ 3.0	20	4.97/ 5
University of Pennsylvania	Instructor**	Fall 1995	Introductory Geology Laboratory	Core majors/ 3.0	7-10	3.7/ 4
University of Pennsylvania	Instructor**	Spring 1995	Introductory Geology Laboratory	Core majors/ 3.0	7-10	3.7/ 4
University of Pennsylvania	Instructor**	Fall 1994	Introductory Geology Laboratory	Core majors/ 3.0	7-10	3.7/ 4
University of Pennsylvania	Teaching assistant	Spring 1994	Ideas in Mathematics	Gen. Ed./ 4.0	90-100	3.3/ 4
University of Pennsylvania	Teaching assistant	Fall 1993	Ideas in Mathematics	Gen. Ed./ 4.0	90-100	3.6/ 4***

*of instructor or TA quality depending on role (col. 2).
**Primary instructor for course as graduate student.
***Received Math Department's Good Teaching Award.

Middle-school teacher

1985-1988: **Full-time teacher** of 7th and 8th grade mathematics, science and current events, **Westfield Friends School**, Cinnaminson, NJ. Developed and implemented new curriculum in 7th grade life sciences and 8th grade physical sciences. Homeroom teacher for 8th grade.

Freelance, other

1989-1993: Taught ~20 private guitar lessons per week. Private tutor for grades 6-12 in math, chemistry, biology, Latin, and French, 5-12 hours/week. Instructor in Science and Art for inner-city summer camp, United Communities of Southeast Philadelphia, four locations.

SERVICE

Panels

Two NSF panels.
SENACYT, Panama. Proposal evaluator.

Editorial

2017-, PeerJ, Academic Editor.
2014--, *Ameghiniana*, Associate Editor/Editorial Board
2013–2016, *PloS One* Editorial Board/Academic Editor.
2004–2006. Editorial Board, *Geology.*
2002–2006. Associate Editor, *Palaios.*

Reviewer/Editor of 262 manuscripts and proposals, for (no. if >1):

<u>funding proposals</u>

AAAS: Women's International Scientific Cooperation (WISC) project
ACS- American Chemical Society (6)
American Philosophical Society
Czech Science Foundation (2)
DFG (Deutsche Forschungsgemeinschaft, German Research Foundation) (2)
DOE- Department of Energy
FONCyT (Argentina, 2)
Graduate Women in Science (3)
Israel Science Foundation (2)
John Simon Guggenheim Memorial Foundation (3)
Natural Environment Research Council (UK)
National Geographic Society Committee for Research and Exploration (9)
NSF- National Science Foundation (75)
NSERC- Natural Sciences and Engineering Research Council of Canada (2)
SENACYT, Panama (7)

<u>journal articles and book chapters</u>

Acta Palaeobotanica (3)
Alcheringa (2)
Ameghiniana
American Journal of Botany (5)
American Naturalist
Annals of Botany
Annals of the Missouri Botanical Garden
AoB Plants
Applications in Plant Sciences
Australian Journal of Earth Sciences
BMC Evolutionary Biology (3)
Botany
Canadian Journal of Earth Sciences (2)
Courier Forschungsinstitut Senckenberg (2)
Ecology
Ecology Letters (2)
Geological Society of America Bulletin (3)
Geological Society of America Special Publications (2)
Geological Society of London
Geology (13)
Geophysical Research Letters
Global Ecology and Biogeography (3)

Grana
Indiana University Press
International Journal of Plant Sciences (7)
Journal of Biogeography (2)
Journal of Mammalian Evolution
Nature
Nature Communications (2)
Nature Ecology & Evolution
New Phytologist (3)
Oecologia
Palaeontologia Electronica (3)
Paleontological Society Special Pubs.
Palaios (7)
Paleobiology (16)
Paläontologische Zeitschrift
Penn State Press
PeerJ (4)
PLoS One (21)
PNAS (5)
Proceedings of the Academy of Natural Sciences, Philadelphia
Proceedings B (2)
Rocky Mountain Geology
Science (8)
University of Michigan Papers in Paleontology

<u>full-length book manuscripts</u>
University of California Press
University of Chicago Press

Symposia, workshops, and conference field trips organized

2018, Co-Organizer for symposium, *Origins, assembly and evolution of the South and SE Asian biota: insights from rocks, fossils, genes and plots. Association for Tropical Biology and Conservation 55th Annual Meeting, Kuching, Malaysia.*

2014, May, Hosted 31st Midcontinent Paleobotanical Cololoquium at Penn State.

2010, August, *ARC-NZ Research Network in Vegetation Function* workshop, Gondwanan Rainforests; Macquarie University, Sydney, Australia, sponsored by Australian Research Council and Landcare Research, New Zealand (competitively awarded, ~$10,000 AUS). Conveners: Peter Wilf, Penn State; Robert Kooyman and Mark Westoby, Macquarie University.

2009, July, with Steven Manchester, *Paleogene Floras of Southwestern Wyoming*. Post-conference field trip for Botanical Society of America Annual Meeting, Snowbird, Utah, 19 participants.

2008, June, *ARC-NZ Research Network in Vegetation Function* workshop, *Calibrating Evolutionary Dates*; Melbourne, Australia, sponsored by Australian Research Council and Landcare Research, New Zealand (competitively awarded, ~$15,000 AUS). Conveners: Maria Gandolfo, Cornell, David Cantrill, Royal Botanic Gardens Melbourne, Peter Wilf, Penn State .

2004, March: Main convener (with K.R. Johnson and S.L. Wing) of specialty symposium for International Organization for Paleobotany, VIIth Quadrennial Meeting, Bariloche, Argentina, *Global view of Paleogene floras*, ~17 invited international speakers.

2004, March: Field trip leader (with K.R. Johnson and M.A. Gandolfo) for International Organization for Paleobotany, VIIth Quadrennial Meeting, Bariloche, Argentina, of Post-Meeting Field Trip, “Paleogene Floras of Patagonia.” Member of Field Trip Committee for the meeting.

2003, November: Main convener (with R.J. Burnham, M.A. Gandolfo, and K.R. Johnson) of Topical Symposium for Geological Society of America Annual Meeting, Seattle, *Terrestrial paleobiology of South America, Cretaceous through Neogene*; 12 speakers, incl. 2 invited foreign and 2 invited domestic speakers. Sponsors: PRF, Paleontological Society.

Letters for promotion and tenure (9) and major award nominations (7).

Some successful nominations: **Dr. Conrad C. Labandeira, 2017 GSA Fellow. Dr. Dana Royer, 2010 GSA Donath Medalist (Young Scientist Award)**.

Public research lectures/presentations/activities

2018, July, Singapore Botanic Gardens Speaker Series.

2016, 2017. Young Scholars of Central Pennsylvania Charter School (for 2nd-8th grades).
2015, September. Presenter for Penn State Earth & Environmental Systems Institute: GEMS Showcase Event.
2015, 2017, 2018. Science Fair Judge, Young Scholars of Central Pennsylvania Charter School.
2011, January, University of Washington, Burke Museum of Natural History.
2010, April. *Research Unplugged* talk, State College Theatre.
2009, July. After-dinner talk for *Paleogene Floras of Southwestern Wyoming*, co-led post-conference field trip for Botanical Society of America Annual Meeting, Snowbird, Utah.
2008, March. For Dino Day event, Penn State Earth and Mineral Sciences Museum.
2006, October. Pennsylvania Native Plant Society, main speaker for annual winter meeting (Shavers Creek, PA).
2006 and 2007, October, for Penn State Parents and Families Weekend.
2004, February, Nittany Mineralogical Society, University Park.
1996 and 1995, July. Western Wyoming Community College, Rock Springs (with several public field trips to collect fossils).

Other external service
2018–2021: Paleontological Society: Fellows Selection Committee.
2017: External reviewer for a faculty search at a major European university.
2016: Paleobotanical Section of Botanical Society of America: committee to select next Secretary Treasurer.
2016-2018: Botanical Society of America: Maynard Mosely Award Committee (invited by BSA President).
2015: Paleobotanical Section of Botanical Society of America: committee to select next Section Chair.
2012-2014: Paleontological Society: Councilor Unrestricted (by nomination and contested election).
2012. Botanical Society of America, Paleobotanical Section: committee on student travel awards.
2011. Botanical Society of America, Paleobotanical Section: committee for graduate training guidelines for paleobotanists.
2008–2011. Geological Society of America: Committee on Research Grants, Member-at-Large.
2010–2011. Paleontological Society: Selection Committee member for the Harold Strimple Award (distinguished amateur paleontologist award).
2006–2011. Paleobiology Database: Advisory Board.
2008–2010. *Nature*: Reader Advisory Panel (by invitation of Editor-in-Chief).
2007–2010, Paleontological Society: President's appointee to the Committee on Nominations. Chair of Nominations Committee for 2009-2010.
2009. Botanical Society of America: Committee to select next Chair of Paleobotanical Section.
2006, organized Paleobotany Banquet for 54 paleobotanists attending GSA, Philadelphia.
2004. Session co-chair (with David L. Fox), “Life and Climate” Disciplinary Session, Geological Society of America Annual Meeting, Denver (Paleontological Society session).
2004. Carnegie Museum of Natural History: Exhibit advising, *Dinosaurs in their World*.
1999: The Jason Project: volunteer scientific consultant for "JASON X: Rainforests — A Wet & Wild Adventure;" http://www.jason.org. Advisor for online module on leaf-margin analysis, subsequently used in several thousand classrooms.
1998–1999. President, Paleontological Society of Washington, DC.
1997–1998. Secretary, Paleontological Society of Washington, DC. Organized monthly seminar series.

Paleobiology Database: Contributor, 572 collections entered as of October 2012. www.paleobiodb.org

Penn State
Active
2018. Department of Geosciences: Tenured and Tenure-Track Faculty Evaluation Committee.
2017-. Dept. of Geosciences: Advisory Search Committee for Department Head.
2011-. The Arboretum at Penn State: Collections Committee.
2010-. Schreyer Honors College: Honors Advisor.
2006–. Penn State University: Packard Fellowship Nomination Committee.
2005–2008, 2009–2010, 2011-. Department of Geosciences: Undergraduate Program Committee.

Previous
2015-2016. Penn State University: STEM Museum Committee.
2015. Penn State Institutes of Energy & the Environment: reviewer, PSIEE seed grant preproposals.
2015-2016. Department of Geosciences: Teaching review committee for a tenure-track professor.
2015. Department of Geosciences: Tenured and Tenure-Track Faculty Evaluation Committee.
2015. Penn State University: Undergraduate Teaching Awards, Review Committee.
2014-2016. Earth & Environmental Systems Institute (EESI): Advisory Committee.
2009–2016. Department of Geosciences: Rover (non-committee faculty member) for Doctoral Candidacy exams.
2009-2010. College of Earth and Mineral Sciences: Task Force on Fixed Term Faculty Promotions.
2009, Fall. Organized weekly *Earth Talks* seminar series for Earth and Environmental Systems Institute, *Landscape Change, Climate Change, and Organisms: Ancient to the Future*, 11 invited speakers.
2007–2008. Department of Geosciences: Chair of Graduate Admissions Committee.
2007–2008. Department of Geosciences: Teaching review committee for a tenure-track professor.
2007 (spring). College of Earth and Mineral Sciences: Earth Systems Ecology Search Committee.
2002–2003, 2005—2007. Department of Geosciences: Graduate Admissions Committee.
2005–2007. College of Earth and Mineral Sciences Museum: Exhibit Committee.
2003–2005. Department of Geosciences: Graduate Programs Committee.
2003–2004. Department of Geosciences: GeoEducation Search Committee.
2002–2003. College of Earth and Mineral Sciences: Museum Revitalization Committee.

University of Michigan
2000, 2001, 2002. Distinguished Dissertations Awards Committee, Rackham School of Graduate Studies, University of Michigan. Reviewed and ranked Ph.D. dissertations in several disciplines. Wrote formal citations for awardees in Physics and Biology.
1999, 2000, 2001. Review committee, applications for Michigan Society of Fellows postdoctoral fellowships in several disciplines.

SOCIETY MEMBERSHIPS

AAAS
American Geophysical Union
Asociación Paleontológica Argentina
Association for Tropical Biology and Conservation
Botanical Society of America
Geological Society of America
International Organization for Paleobotany
Paleontological Society
Sigma Xi (Full Member)

RESEARCH SUPERVISORS

Scott L. Wing, Smithsonian National Museum of Natural History (Ph.D. thesis advisor); Peter Dodson and Hermann W. Pfefferkorn, University of Pennsylvania (committee members); Conrad C. Labandeira, Smithsonian National Museum of Natural History (postdoctoral supervisor).

MEDIA COVERAGE:

see http://www3.geosc.psu.edu/~pdw3/media.html for additional articles and links

News articles and highlights within peer-reviewed journals

- Ancient insect bites provide mass extinction insight. *Nature Asia* Research Highlight, 8 November 2016
- Evolution: peaches appear earlier than humans in southwest China. *Nature Asia* Research Highlight, 27 November 2015.
- Warm swarms. By Anna Barnett, *Nature Reports Climate Change*, 21 February 2008, doi:10.1038/climate.2008.17.
- The land that insects forgot. By Erik Ness, *Frontiers in Ecology and the Environment* (ESA publication), October 2006 issue, p. 397.
- Ancient Roots of South American plant-insect ecodiversity. *PNAS* 102: 8789 (“In this Issue” highlight on Wilf et al. 2005, *PNAS*).
- Lundmark, C., 2005. Floral diversity preserved in fossils. *Bioscience* 55: 544 (“BioBrief” on Wilf et al. 2005, *Am. Nat.*)
- Pennisi, E. Chewed leaves reveal ancient relationship. *Science*, News of the Week, July 14, 2000.

- Greensfelder, L., Warming climate made a buzz. *Science Now* (online, from *Science* Magazine), June 25, 1999.

On the Air, broadcasts and videos:

- BBC 5 Live Breakfast, interview with Clare McDonnell 6 January 2017.
- Tomato ancestor evolved 50 million years ago near Antarctica. Video by Science/AAAS, 05 Jan 2017.
- Peter Wilf - Computer Vision Cracks the Leaf Code. Video by Penn State College of Earth and Mineral Sciences. 6 June 2016.
- Radio New Zealand interview on *This Way Up* with Richard Scott, 16 April 2016.
- *People Behind the Science* (podcast interview), 7 July 2014.
- *Academic Minute*, WAMC Northeast Public Radio, to air March 24, 2014, Tracing the path of conifer fossils.
- KPCC Los Angeles (NPR station), *Take Two*, interview with Megan Larson on fossil tomatillo from Laguna del Hunco, November 5, 2013.
- CNN, January 26, 2010, 10 AM. Interview on Argentina NSF stimulus grant by TJ Holmes and Kyra Phillips.
- National Public Radio, *All Things Considered*, interview by John Nielsen, June 26, 1999. Global warming's effects on insect populations.
- Voice of America Radio, *Agriculture Today*, interview by Robert Sivak, June 25, 1999. Insects, plants, and climate change.

Popular print and web media, etc

- Secrets of leaf size revealed. By Karl Gruber, Australian Geographic, 1 September 2017.
- Interview: Scientists discover hidden mystery of leaf size in world's first study. By Will Koulouris, Xinhua, 1 September 2017.
- Why are leaves so big in the tropics? By Tim Wallace, Cosmos, 1 September 2017.
- Why some plants have huge leaves and others have tiny ones. By Kelsey Kennedy, Atlas Obscura, 31 August 2017.
- Clues to why leaves come in many sizes. By Helen Briggs, BBC News, 31 August 2017.
- New research unlocks the mystery of leaf size. By Ian Wright, The Conversation, 31 August 2017.
- We may finally understand why tropical plants have huge leaves. By Alice Klein, New Scientist, 31 August 2017.
- Prähistorische Knolle: Kartoffeln sind über 50 Millionen Jahre alt! Die Kartoffel, 2 February 2017.
- El origen del tomate: hallan en Chubut restos fósiles de unos 52 millones de años. By Carlos Guajardo, Clarin (Argentina), 11 January 2017.
- Newly discovered 52-million-year-old fossil hints one fruit is a lot older than we thought. By Alex Orlov, Mic.com, 11 January 2017.
- Salsa primeval: 52-million-year-old tomatillo found. By Lucas Viano, Scientific American, 11 January 2017.
- 52 million-year-old tomatillo fossils rewrite veggie history. By Angus Chen, NPR Food, 10 January 2017.
- Tomatillo fossils, 52 million years old, are discovered in Patagonia. By Nicholas St. Fleur, New York Times, 9 January 2017.
- Ancient tomato ancestors found in 52-million-year-old Patagonian stone. By Ben Guarino, Washington Post, 6 Jan 2017
- 'Rare and exquisite' 52-million-year-old fossil fruits discovered with papery skins still intact. By Martha Henriques, International Business Times (UK), 5 Jan 2017.
- Researchers uncover fossils of 52-million-year-old tomatillos. By Danny Lewis, Smithsonian Magazine, 6 Jan 2017
- When did tomatillos start wearing papery jackets? By Josh Kenworthy, Christian Science Monitor, 6 Jan 2017.
- Tomatillo fossil is oldest nightshade plant. By Meghan Rosen, Science News, 5 Jan 2017.

- Deadly (and delicious!) nightshades much older than thought. By Gemma Tarlach, Discover Magazine, 05 Jan 2017.
- How did potatoes, tomatoes evolve? Let a 52-million-year-old berry fossil explain! Zee News (India), 9 Jan 2017.
- How long did it take for life to rebound after the death of the dinosaurs? By Sarah Kaplan, Washington Post, 7 November 2016.
- Southern hemisphere faster to recover after killer asteroid, study suggests. By Nicola Davis, The Guardian, 7 November 2016.
- After dinosaur extinction, some insects recovered more quickly. By Nicholas St. Fleur, New York Times "Trilobites" column, 7 November 2016.
- Massensterben im Spiegel fossiler Fraßschäden. By Martin Vieweg, wissenschaft.de, 7 November 2016.
- L'hémisphère Sud a mieux récupéré de la catastrophe qui a causé l'extinction des dinosaures. By Joël Ignasse, Sciences et Avenir, 11 November 2016.
- I morsi degli insetti illuminano l'estinzione del Cretaceo. La Scienze (Italy), 7 November 2016.
- Ancient insect bite sheds light on mass extinction event that killed dinosaurs. By Léa Surugue, International Business Times UK, 7 Novembetr 2016.
- Southern Hemisphere recovered quicker from devastating asteroid strike. Eurasia Review, 11 November 2016.
- Los insectos le ganaron la batalla al meteorito que mató a los dinosaurios. By Nuño Domínguez, El Pais, 7 November 2016.
- Southern Hemisphere bouced back TWICE as fast as the North from the asteroid that wiped out the dinosaurs. By Abigail Beall, Daily Mail UK, 7 November 2016.
- Was South America a refuge during the dino-killing mass extinction? By Eva Botkin-Kowacki, Christian Science Monitor, 7 November 2016.
- After dino-killing collision, species down south bounced back fastest. By Chris Butler, Cosmos Magazine, 8 November 2016.
- Marcas fósiles de insectos aportan una nueva visión sobre extinciones masivas. By Ari Iglesias, for CONICET, 11 July 2016.
- Leaf mines say Southern Hemisphere recovered faster from asteroid. By Jennifer Frazer, Scientific American "Artful Amoeba," 7 November 2016.
- Southern Hemisphere recovered faster from dino strike. By Helen Briggs, BBC News 7 November 2016.
- Una mega-extinción vista desde los fósiles de hojas en Argentina. By Ari Iglesias, ANBariloche, 23 December 2016.
- Seeing the invisible history of leaves. By Lance Farrell, Science Node, 13 April 2016.
- Το μεγάλο των φύλλων σχολείο (The big school of leaves). By Lalina Fafouti, To Vima (Athens), 7 April 2016.
- Earth's history through tree leaves. By Shelley Littin, NSF-CyVerse, 25 March 2016.
- A "Shazam' app for plant identification may be here soon. By Sean Kane, Tech Insider, 21 March 2016.
- A computer with a great eye is about to transform botany. By Margaret Rhodes, Wired, 17 March 2016.
- La familia del café: ahora, con 13,000 especies vivas. By Germán Ayala, Portafolio (Colombia), 11 March 2016.
- Computer vision can help classify leaves. By David Orenstein (Brown Univ. press release), 7 March 2016.
- Computer program solves mysteries of fossilized leaves. By Megan Treacy, Treehugger, 15 March 2016.
- In Cina, le pesche arrivarono prima dell'uomo. By Elisabetta Intini, Focus, 7 December 2015.
- Peach dates back 2.6 mln years. Xinhua, Shanghai Daily, and People's Daily 5 December 2015.
- China had peaches before it had humans. Science Now (AAAS), 2 December 2015.
- World's oldest peach found in China, presumably no longer delicious. By Rachel Feltman, Washington Post, 2 December 2015.

- World's oldest peach pits found in China at 2.5 million years old. By Ana Verayo, China Topix, 2 December 2015.
- Fossilized peach pits look identical to modern varieties of the fruit. By Natalia Hall, Northern Californian 1 December 2015.
- World's oldest peach pits shed light on the evolution of the fruit. By Rogelio Estrada, Seating Chair, 2 December 2015.
- Fossilized peach pits were discovered in China. By Lori Martinez, Regal Tribune, 2 December 2015.
- The Paleo Peach: First fossil peaches discovered in China reveal ancient snack. By Catherine Griffin, Science World Report, 2 December 2015.
- 2.5-Million-Year-Old Fossilized Peaches Found in China. By Natali Anderson, Sci-News.com, 2 December 2015
- Scientists uncover the world's oldest peach pits in China. By Sam Catherman, BABW News, 2 December 2015.
- Paleo Peaches? First fossil peaches discovered In China. By Samantha Mathewson, Nature World News, 2 December 2015.
- World's oldest peach pit reveals juicy secrets: 2.5 million-year-old fruit originated in China BEFORE the arrival of humans. By Cheyenne MacDonald, Daily Mail, 2 December 2015.
- Paleo peach pits: Was the sweet, juicy fruit in China before humans? By Eva Botkin-Kowacki, Christian Science Monitor, 2 December 2015.
- Scientists find world's oldest peach pits near Chinese bus stop. By Brooks Hays, UPI, 2 December 2015.
- Oldest peach pits found In China shed light on evolution of the fruit. By Katrina Pascual, Tech Times 2 December 2015.
- The amazing, bizarre history of the Peach — uncovered at last. By Dan Taylor, Morning Ticker, 2 December 2015.
- World's oldest peach pits shed light on the evolution of the fruit. By Hira Bashir, I4U News, 2 December 2015.
- Oldest peach remains were found in China. By Denise Ehrlich, Capital Berg, 2 December 2015.
- Fossilized peach pits from 2.5 million years ago have been found. By Brian Galloway, Capital Wired, 2 December 2015.
- Fossilized peaches dated 2.5 million years old discovered in China. Dipatch Tribunal, 2 December 2015.
- New fossils prove Peach's mother soil is China. By Ray Courtney, Albany Daily Star. 2 December 2015.
- Earliest peach fossils found in Yunnan. Chinese Academy of Sciences news, 1 December 2015.
- Oldest peach pits found in China. By Rossella Lorenzi, Discovery News, 1 December 2015.
- World's oldest peach pits reveal juicy secrets. By Megan Gannon. Livescience.com, 1 December 2015.
- 2.5 million year old peach fossils found in China. By Subodh Varma, The Times of India 1 December 2015.
- The land where life has turned to stone. By Michelle Douglass, BBC Earth, 8 October 2015.
- Paleontólogos demuestran errores de método para calcular edad de fósiles. Diario Jornada (Argentina), 20 July, 2015.
- Descubren en Patagonia restos fósiles de árboles que hoy crecen sólo en Oceanía. CONICET ("Argentine NSF") press release, 3 February 2014.
- Researcher Discovers Asian Tree Fossil in South America. Tempo (Indonesia), 15 January 2014.
- Fossils of ancient Australasian trees found in Patagonia. By Megan Gannon, livescience.com, 10 January 2014.
- What America's forests looked like before Europeans arrived. By Becky Oskin, livescience.com, 13 November 2013 (syndicated to Scientific American, NBC, Discovery News, Phys.org, more).
- Buried Fossil Leaves Reveal Precolonial US Forests: Guiding Stream Restoration. By Catherine Griffin, Science World Report, 14 November, 2013.

    - Research Allows Reconstruction of Pre-colonial Landscape in Eastern U.S. Popular Archaeology, November 13, 2013.
    - Leaves tell the real story of Lancaster County. By Ad Crable, Lancaster Intelligencer, 21 November 2013.
    - First accurate forest description before European's were in America presented. By Paul Hamaker, Examiner.com. November 14, 2013.
    - New World's oldest tomatillo discovered. By Becky Oskin, discovery.com, livescience.com, 4 November 2013.
    - Bugs in Patagonia survived dinosaur-killing impact. By Becky Oskin, livescience.com, 4 November 2013.
    - Un écart de datation de 100 millions d'années. By Suzanne Herzog, National Geographic France, January 9, 2012.
- Study predicts increase in insect herbivore damage with climate change. Press release, Miami University of Ohio, December 1, 2010.
- Ancient insects in warm climates. Ecological Society of America press release by Katie Kline, via Eurekalert, November 23, 2010.
- Wesleyan geoscientist Dana Royer to receive 2010 gold medal award, by Harry McBrien, Hartford Examiner, August 4, 2010.
- State College couple are creative collaboration, by Natalya Stanko. Centre Daily Times (page 1), April 26, 2010.
- Research Unplugged discussion series: ancient biodiversity in Patagonia, writeup by Erin Dugan. Research Penn State, April 13, 2010.
- No Leaves Unturned. Research Penn State book review of Manual of Leaf Architecture, by Melissa Beattie-Moss, February 23, 2010.
- Picturing the Past. The Art of Paleo-Illustrator Rebecca Horwitt. Research Penn State multimedia presentation on YouTube by Melissa Beattie-Moss and Sara Brennen, February 10, 2010.
- More Faces of Recovery. The President's Voice (White House Blog), January 27,. 2010. By Liz Oxhorn, Recovery Act Communications Director.
- Fósiles confirman que la Patagonia fue un vergel. By Bruno Geller, Argenpress / Agencia CYTA, December 28, 2009.
- New fossil plant discovery links Patagonia to New Guinea in a warmer past. Science Daily (press release from American Journal of Botany), November 10, 2009.
- Post-human Earth: How the planet will recover from us. By Bob Holmes, New Scientist issue 2729, September 30, 2009.
- World's biggest snake lived in 1st "modern" rain forest. By Ker Than, National Geographic News, October 13, 2009.
- Evidence found of neotropical rainforest. UPI, October 13, 2009.
- Prehistoric titanic-snake jungles laughed at global warming. By Lewis Page, The Register, October 13, 2009.
- El primer bosque húmedo neotropical fue el hogar de la titanoboa. OTR/PRESS, Europapress (Spain), October 13, 2009.
- Where in the world is Peter Wilf? By Jen Golding, statecollege.com, September 29, 2009.
- Mega-Einschlag hatte kaum Auswirkungen auf Europa (Mega-impact had little impact on Europe). Spiegel Online (chs/AP), October 29, 2009.
- Mass extinction event spared Europe (mostly). By Michael Reilly, Discovery Channel News/msnbc.com, September 23, 2009.
- Plants on death row in changing world. By Deborah Smith, Sydney Morning Herald, February 19, 2009.
- Plants are nature's niche conservatives. By Kate McDonald, Australian Life Scientist, February 16, 2009.
- Las raíces no sirven para huir. By Emilio de Benito, El País (Spain), February 16, 2009.
- The big buzz. Nature Geoscience, April 2008.
- Bones are not the only fossils. By Olivia Judson, New York Times, March 4, 2008. http://judson.blogs.nytimes.com/2008/03/04/bones-are-not-the-only-fossils/

- Meridian's Red Hot fossil spot. By Jennifer Jacob, The Meridian Star, Feb. 10, 2008, http://www.meridianstar.com/local/local_story_041003001.html
- Ancient global warming gave bugs the munchies. By John Roach, National Geographic News, February 11, 2008.
- Insects ravaged more plants in ancient hot period. By Deborah Zabarenko, Reuters, February 12, 2008.
- Warming could trigger food frenzy by insects. By Andrea Thompson, LiveScience/msnbc.com, Feb. 11, 2008.
- Insect explosion 'a threat to food crops'. By Steve Connir, The Independent, February 12, 2008.
- Study observes insects to explain climate change. By Samantha Van Vynck, Penn State Daily Collegian, February 26, 2008.
- Massasukupuutosta toipuminen on hidasta. By Suvi Viranta-Kovanen, Suomen Luonto (Finland), December, 2006.
- Vielseitiger Imbiss. By Andreas Jahn, Spektrum.de, 24 August 2006.
- Insectes et plantes: chacun pour soi. By Philippe Pajot, Pour la Science (French edition of Scientific American, monthly "Actualités" Science feature), October 2006.
- Turning over an old leaf. By Stacy Tibbetts, Research Penn State feature story, Sept. 5, 2006.
- Fossils suggest chaotic recovery from mass extinction. By Andrea Thompson, Live Science, Sept. 1, 2006.
- Leaves leave more questions than answers about post-destruction biodiversity. By Eric Jackson, The Panama News, August 6-19, 2006.
- Leaves with pointy edges explained. By Jennifer Viegas, Discovery News Brief, February 17, 2006.
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- Importante hallazgo cientifico en la Patagonia: hallan en el Sur sitios con fósiles de flora únicos en el mundo. Clarin, Buenos Aires, Argentina, April 27, 2005.
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- Wilf named Paleontological Society Fellow for commitment to research, students. 18 January 2018.
- South American fossil tomatillos show nightshades evolved earlier than thought. 5 January 2017.
- Patagonian fossil leaves reveal rapid recovery from dinosaur extinction event. 7 November 2016.
- Leaf mysteries revealed through the computer's eye. 7 March 2016.
- Eat a paleo peach: first fossil peaches discovered in southwest China. 30 November 2015.
- Turn back the molecular clock, say Argentina's plant fossils. *December 2, 2014*.
- Leaf-mining insects destroyed with the dinosaurs, others quickly appeared. *July 24, 2014*.
- Leaf chewing links insect diversity in modern and ancient forests. *May 2, 2014.*
- Iconic Australasian trees found as fossils in South America. *January 9, 2014.*
- Buried leaves reveal precolonial eastern forests and guide stream restoration. *November 13, 2013*.
- Four from EMS among those to receive 2013 University awards for teaching, research and service. April 3, 2013.
- Six faculty members receive Atherton Award for Excellence in Teaching. *March 21, 2013*.
- Grant to fund exploration of fossil plants in Patagonia. *October 28, 2009.*
- Wilf named Distinguished Speaker by Paleontological Society. *August 3, 2009*.
- Ancient leaves point to climate change effect on insects. *February 5, 2008.*
- Insect predation sheds light on food web recovery after the dinosaur extinction*. August 24, 2006.*
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- Fossil Patagonian plants show high insect feeding diversity 52 million years ago *Monday, June 20, 2005.*
- Fossils show extreme plant diversity in South America 50 million years ago. *April 4, 2003.*
- Fossil Plant and Insect Communities Key to Understanding Global Change. *February 18, 2003.*
- Dinosaurs Experienced Climate Changes Before K-T Collision. *January 15, 2003.*

MUSIC

2003 (May 25), WKCR-FM NY (89.9 FM, Columbia University) *SunRadio* Program, airing of re-edited interview with Sun Ra from March 1985, by P. Wilf, originally aired on WXPN-FM Philadelphia.

1988-1993: Intuitive Music Unit (IMU, cofounder with R. Moskowitz), four pieces, original, instrumental music, avant-blues-jazz-fusion. Wrote and performed over 30 original compositions. Over 100 performances; most notable venues included: Knitting Factory, (New York City); Painted Bride Art Center, Nexus Art Gallery, Group Motion Studio (Philadelphia).

Intuitive Music Unit (P. Wilf, R. Moskowitz, E. Levin, S. Bergmann), 1992. Self-titled and financed cassette release of original compositions, ~45 minutes, ~300 copies distributed. Two tracks from this release also issued on *Manifestation III* CD, Awefull Records.

1992: Sound for art installation, "The Remembering Cave," University of Delaware, by MFA students Mary Ann Bucklin and Alyn Fenn.

1984-1987. Program host (unpaid, weekly) for WXPN-FM, Philadelphia. Programs: *Blue Genesis Jazz*, *Jazz All Night*, *Aeolia* (20th century classical music). Included music programming, interviews with recording artists, and commentary.