

**Publications, Reports and Presentations from Coastal Dune Research
in P.J. Hoffmaster State Park, MI
by Deanna van Dijk and Undergraduate Research Students at Calvin University
(plus Collaborators from Other Institutions)**

* indicates undergraduate student

Listings are in reverse chronological order (recent to older). Last updated: 2022-01-31.

Refereed (Peer-Reviewed) Publications

Journal of Great Lakes Research. 47: 1581-1593. doi: 10.1016/j.jglr.2021.10.012.
Hansen, E., S. DeVries-Zimmerman, R. Davidson-Arnott, D. van Dijk, B. Bodenbender, Z.

Lancaster, N., and P. Hesp, eds., *Inland Dunes of North America*. Dunes of the World,
Springer Nature, Switzerland: 65-120. https://doi.org/10.1007/978-3-030-40498-7_3.
DeVries-Zimmerman, S. J., E. C. Hansen, T. G. Fisher, B. E. Bodenbender, B. P. Yurk, and D.
van Dijk.

In Florea, L. J. (editor) *Ancient Oceans, Orogenic
Uplifts, and Glacial Ice:*

Research Reports

Schumerth*, N., K. Adamovicz*, S. E. Detmer*, D. Martinez Vasquez*, J. VandeKieft*, M.

#36. Grand Rapids (MI): Department of Geology, Geography and Environmental Studies, Calvin College. 27 p.

Madrid*, M., J. Byker*, C. C. Costello*, G. R. Lantinga*. 2018.

. Grand Rapids

(MI): Department of Geology, Geography and Environmental Studies, Calvin College.

McClellan, J. A., C. J. Bjelland, A. N. Casillas, S. S. Jacobs, A. J. Topping, and K. D. VerHill.

2018. -Tailed Deer on a Lake Michigan Parabol FYRES:

Dunes Research Report #31. Grand Rapids (MI): Department of Geology, Geography and Environmental Studies, Calvin College.

Jacques*, I. J., P. N. Duimstra*, N. Hilbrands*, R. K. Hubka*, A. M. Lee*. 2018.

topographi

Research Report #30. Grand Rapids (MI): Department of Geology, Geography and Environmental Studies, Calvin College.

Praamsma*, S. A., O. J. den Dulk*, K. R. Post*, H. R. Siegers*, and B. J. VanderWindt*. 2017.

FYRES: Dunes Research Report

#29. Grand Rapids (MI): Department of Geology, Geography and Environmental Studies, Calvin College. 19 p.

Paquette*, A. J., S. Davis*, M. H. Hoatlin*, H. M. Spaulding*, and C. VanderVeen*. 2017.

FYRES: Dunes

Research Report #27. Grand Rapids (MI): Department of Geology, Geography and Environmental Studies, Calvin College. 14 p.

Lindemulder*, C. R., J. E. Atkinson*, A. Eikenberry*, L. M. O. Ferraby*, T. M. Grasman*, T.

Hartman*, and E. Westphal*. -Vegetated Slipface as

FYRES: Dunes Research Report #24. Grand Rapids (MI):

Department of Geology, Geography and Environmental Studies, Calvin College. 21 p.

Grevengoed*, L. G., S. DeGraaf*, H. P. Leisman*, M.14.33 294.77 Tm0 G[, M)]TJET@0.00000912 0 612 792 r

Research Reports (cont.)

Strydhorst*, N., S. Franklin*, L. Ong*, and A. Pemberton*.

Report #13. Grand Rapids (MI): Department of Geology, Geography and Environmental Studies, Calvin College. 21 p.

Bulthuis*, J. 2014. Ice analysis of recent activity of Mt. Baldy in P.J. Hoffmaster State Park. Unpublished report for Geography 252, Department of Geology, Geography and Environmental Studies, Calvin College, 16 p.

Burkley*, K., A. Hocking*, B. Howell*, E. Medema*, J. Newswanger*, C. Thorne* and A. Tiemeyer*. 2014

FYRES: Dunes Research Report #11. Grand Rapids (MI): Department of Geology, Geography and Environmental Studies, Calvin College. 18 p.

LePage*, Unpublished report for Geography 252, Department of Geology, Geography and Environmental Studies, Calvin College, 16 p.

Swineford*, J.T., N. DeVries*, J. DeVries*, J. D. Gorter*, J.T. Spykman* and J.J. Santucci*. 2014

FYRES: Dunes Research Report #10. Grand Rapids (MI): Department of Geology, Geography and Environmental Studies, Calvin College. 14 p.

Brinks*, L., K.E. Gerber*, J.-L. Sin*, J.T. Swineford* and A.K. Zapata*. 2013 The Effects of

P.J. Hoffmaster State Park

Oral and Poster Presentations at Scientific Conferences

Benedict*, K. C., A. Arendt*, P. Brodeur*, J. Eising*, J. Hiegel*, M. Snella*
beach-

Conference Presentations (cont.)

Praamsma*, S. A., O. J. den Dulk*, K. R. Post*, H. R. Siegers*, B. J. VanderWindt*. 2017.

Academy of Science, Arts, and Letters, Western Michigan University (Kalamazoo, MI), 10 March 2017.

Gerber*, K. E., C. J. Bohnet*, L. Ebels*, and M. B. Springer. Environmental assessment of a *Cirsium pitcheri* the Michigan Academy of Science, Arts, and Letters, Saginaw Valley State University (University Center, MI), 4 March 2016; poster.

Conference Presentations (cont.)

van Dijk, D., and C. Bruxvoort. 2013a. The First-Year Research in Earth Sciences

Technology, Engineering and Mathematics (TUES) program PI conference hosted by the American Society for the Advancement of Science and the National Science Foundation (Washington, DC), 23-25 January 2013; poster.

van Dijk, D., and C. Bruxvoort. 2013c. Meeting the challenges of embedding an undergraduate research experience in a general-education science course for first-semester students. Geological Society of America Annual Meeting (Denver, CO), 27-30 October 2013; poster.

Stratz*, J.M., R.R. Bylsma*, S.B. Carrick*, H. M. Damsteegt* and T.J. Nykamp*. 2012. blowouts and trails in a Lake Michigan coastal system
Meeting of the Michigan Academy of Science, Arts and Letters, Alma College (Alma, MI), 2 March 2012; poster.

Wright*, V. and D. van Dijk. u model for sand transport rates
help scientists understand Lake Michigan coastal d
Michigan Academy of Science, Arts and Letters, Alma College (Alma, MI), 2 March 2012; poster.

Kenbeek*, S.D., A. Belford*, J.E. VanHorn and D. van Dijk.
geospatial analysis of active Lake Michigan
of American Geographers (Seattle, WA), 12-16 April 2011; poster.

Yurk, B., Z. Kilibarda, D. van Dijk and E. Hansen.

Conference Presentations (cont.)

Tinklenberg, A.L.* and D. van Dijk (2002). The influence of microclimate on sand movement by wind at an eastern Lake Michigan coastal dune site. Meeting of the North-Central Section of the Geological Society of America, Lexington, KY, 3-5 April 2002; poster.
van Dijk, D. and A.L. Tinklenberg* (2002).

Angeles, CA, 21 March 2002.

Van Kley, K.H.* and D. van Dijk (2001).

-Central Section of the Geological Society of
America, Bloomington, IL, 23-24 April 2001; poster.

Online Resources for Michigan Dunes

FYRES. 2022 -Year Research in Earth-
of the FYRES project with research results made available in report, poster and abstract
formats. calvin.edu/go/fyres

VanHorn, J.E. and D. van Dijk. 2015.
the journal map theme. calvin.edu/dunes

Presentations, Programs and Interpretation for Broader Audiences

Keynote Address, Michigan Space Grant Consortium Conference, Calvin University
(Grand Rapids, MI). 18 October 2021.

van Dijk, D. 2014.

Plenary, CDKLJDQXHUHQ