



LIFE SCIENCE NEWS

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Announcements

2016 IAB-IMS Irving-Scholander Memorial Lecture series. Mark your calendar now to attend three exciting seminars Sept. 6-7 by Professor Art DeVries and Professor Chi-Hing "Chris" Cheng. Their public seminar, "[Not Your Chevy's Antifreeze ...](#)" is free and everyone is welcome. Details on the science seminars coming soon.

Caribou-Poker Creeks Research Watershed is an active NEON construction site. The road remains open only to ATV and foot traffic. NEON is in the process of installing power in and along the road so please use caution when approaching people or equipment. The contractor has agreed to make every effort to ensure that we have access but this means communicating with them when folks will be working in the watershed. Please send Jami Hollingworth your work schedules if you have any activities planned for CPRW this summer.

Events and Seminars

No events scheduled.

Travel

- **Euskirchen, Eugenie**, 5/24/16 - 8/30/16, Field

sites south of Fairbanks, Periodic visits to field sites

- **Falke, Jeff**, 8/21/16 - 8/26/16, Kansas City, MO, Present paper at the American Fisheries Society Annual Meeting
- **Matter, Allison**, 8/21/16 - 8/26/16, Kansas City, MO, Attend American Fisheries Society Annual Meeting
- **Peterson, Don Labar, Gina and Sexton, Aaron**, 6/13/16 - 8/31/16, Manley, AK, Field Work

New IAB Publications

Legend: **f**=faculty, **r**=research scientist, **s**=staff, **e**=emeritus, **a**=affiliate, **g**=grad student, **p**=post-doc, **u**=undergrad student, **h**=high school student

McGuire, A.D. (f), Koven, C., Lawrence, D.M., Clein, J.S., Xia, J., Beer, C., Burke, E., Chen, G., Chen, X., Delire, C., Jafarov, E., MacDougall, A.H., Marchenko, S., Nicolsky, D., Peng, S., Rinke, A., Saito, K., Zhang, W., Alkama, R., Bohn, T.J., Ciais, P., Decharme, B., Ekici, A., Gouttevin, I., Hajima, T., Hayes, D.J., Ji, D., Krinner, G., Lettenmaier, D.P., Luo, Y., Miller, P.A., Moore, J.C., Romanovsky, V., Schädel, C., Schaefer, K., Schuur, E.A.G., Smith, B., Sueyoshi, T., and Zhuang, Q. (2016). Variability in the sensitivity among model simulations of permafrost and carbon dynamics in the permafrost region between 1960 and 2009. *Global Biogeochemical Cycles*

LIFE SCIENCE HOUR SEMINAR

Friday, 26 August 2016

3:00 PM - Murie Bldg, rm 103/105

There may be more to engineered nanoparticles than meets the eye

Virginia K. Walker

Departments of Biology, Biomedical & Molecular Sciences, and School of Environmental Studies,
Queen's University, Kingston, ON

30:1015-1037 [IAB 4269].

Wang, W., Rinke, A., Moore, J.C., Ji, D., Cui, X., Peng, S., Lawrence, D.M., **McGuire, A.D. (f)**, Burke, E.J., Chen, X., Decharme, B., Koven, C., MacDougall, A., Saito, K., Zhang, W., Alkama, R., Bohn, T.J., Ciais, P., Delire, C., Gouttevin, I., Hajima, T., Krinner, G., Lettenmaier, D.P., Miller, P.A., Smith, B., Sueyoshi, T., and Sherstiukov, A.B. (2016). Evaluation of air-soil temperature relationships simulated by land surface models during winter across the permafrost region. *The Cryosphere* 10:1721-1737 [IAB 4270].

O'Meara, B.C., Smith, S.D., **Armbruster, W.S. (a)**, Harder, L.D., Hardy, C.R., Hileman, L.C., Hufford, L., Litt, A., Magallón, S., Smith, S.A., Stevens, P.F.,

Fenster, C.B., and Diggle, P.K. (2016). Non-equilibrium dynamics and floral trait interactions shape extant angiosperm diversity. *Proc Biol Sci* 283: [IAB 4271].

Pelabon, C., Hennen, L., Bolstad, G.H., Albertsen, E., Opedal, O.H., Ekrem, R.K., and **Armbruster, W.S. (a)** (2016). Does stronger pollen competition improve offspring fitness when pollen load does not vary?. *American Journal of Botany* 103:522-531 [IAB 4272].

Opedal, O.H., **Armbruster, W.S. (a)**, and Pelabon, C. (2015). Inbreeding effects in a mixed-mating vine: effects of mating history, pollen competition and stress on the cost of inbreeding. *AoB PLANTS* 7: [IAB 4273].

See the [UAF Cornerstone](http://uafornerstone.net/) for more news and events (http://uafornerstone.net/).

Quote of the Day

Idealism increases in direct proportion to one's distance from the problem.

[John Galsworthy](#)