



# 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.

**The 2016 Wildlife Society Publication Award - Outstanding Monograph** was given to Terry Bowyer, professor emeritus and IAB research scientist, and co-authors for "Effects of harvest, culture, and climate on trends in size of horn-like structures in trophy ungulates," by Kevin L. Monteith, Ryan A. Long, Vernon C. Bleich, James R. Heffelfinger, Paul R. Krauseman, and R. Terry Bower, *Wildlife Monographs* 183, 2013.

**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

### 28 July 2016

• **Thesis Defense: Breeding ecology of whimbrels in interior Alaska**

**Christopher Harwood**

1:00PM - 2:00PM

Murie Bldg, rm 107

### Travel

• **Becker, Tynan**, 7/31/16 - 8/5/16, Boston, MA, Attend the Advanced Course Immunology conducted by the American Association of Immunologists

• **Brian Barnes**, 7/30/16 - 8/5/16, Las Vegas, NV, attend 15th International Hibernation Symposium

• **Euskirchen, Eugenie**, 5/24/16 - 8/30/16, Field sites south of Fairbanks, Periodic visits to field sites

• **Hollingsworth, Teresa**, 7/21/16 - 7/26/16, Whitehorse, Canada, Field Work

• **Laughlin, Bernard**, 7/30/16 - 8/7/16, Las Vegas, NV, Present at the 15th International Hibernation Symposium

• **Osan, Jaspreet**, 7/30/16 - 8/5/16, Boston, MA, Attend the Advanced course in Immunology conducted by the American Association of Immunologists

• **Peterson, Don Labar, Gina and Sexton, Aaron**, 6/13/16 - 8/31/16, Manley, AK, Field Work

• **Toien, Oivind**, 7/31/16 - 8/6/16, Las Vegas, NV, Present at the 15th International Hibernation Symposium

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Life Science Hour Seminars in the Murie Auditorium, Fridays 3-4 p.m.  
No seminar scheduled this week.

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• **Wagner, Diane**, 4/15/16 - 8/20/16, Various field sites within Interior Alaska, Field work

• **Wilbur, Sara**, 7/31/16 - 8/5/16, Las Vegas, NV, Attend International Hibernation Symposium

## IAB in the News

7/15/16: NASA

[Living Off the Land in a Changing Arctic Climate](#)

Todd Brinkman, Teresa Hollingsworth

## 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

Johnson, I., **Brinkman, T. (f)**, Britton, K., Kelly, J., **Hundertmark, K. (f)**, Lake, B., and Verbyla, D. (2016). Quantifying Rural Hunter Access in Alaska. *Human Dimensions of Wildlife* 21:240-253 [IAB 4251].

**Colson, K.E. (g)**, White, K.S., and **Hundertmark, K.J. (f)** (2016). Parturition site selection in moose (*Alces alces*): evidence for social structure. *Journal of Mammalogy* [IAB 4252].

Peng, S., Ciais, P., Krinner, G., Wang, T., Gouttevin, I., **McGuire, A.D. (f)**, Lawrence, D., Burke, E., Chen, X., Decharme, B., Koven, C., MacDougall, A., Rinke, A., Saito, K., Zhang, W., Alkama, R., Bohn, T.J., Delire, C., Hajima, T., Ji, D., Lettenmaier, D.P., Miller, P.A., Moore, J.C., Smith, B., and Sueyoshi, T. (2016). Simulated high-latitude soil thermal dynamics during the past 4 decades. *The Cryosphere* 10:179-192 [IAB 4253].

He, Y., Yang, J., Zhuang, Q., **Harden, J.W. (r)**, **McGuire, A.D. (f)**, Liu, Y., Wang, G., and Gu, L. (2015). Incorporating microbial dormancy dynamics into soil decomposition models to improve quantification of soil carbon dynamics of northern temperate forests. *Journal of Geophysical Research: Biogeosciences* 120:2596-2611 [IAB 4254].

Melvin, A.M., **Mack, M.C. (r)**, **Johnstone, J.F. (r)**, **David McGuire, A. (f)**, **Genet, H. (f)**, and **Schuur, E.A.G. (r)** (2015). Differences in Ecosystem Carbon Distribution and Nutrient Cycling Linked to Forest Tree Species Composition in a Mid-Successional Boreal Forest. *Ecosystems* 18:1472-1488 [IAB 4255].

**Harms, T.K. (f)** and **Ludwig, S.M. (g)** (2016). Retention and removal of nitrogen and phosphorus in saturated soils of arctic hillslopes. *Biogeochemistry* 127:291-304 [IAB 4256].

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

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### Quote of the Day

The aim of education is the knowledge not of facts but of values.

[William Ralph Inge](#)