



LIFE SCIENCE NEWS

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Announcements

NSF announcement!

Effective in calendar year 2018, The Directorate for Biological Sciences (BIO) will implement a "no-deadline," full proposal mechanism.

If you plan on submitting a proposal to core programs in DEB, IOS, MCB and DBI, there is no deadline. In addition, DEB and IOS are discontinuing use of the preliminary proposal mechanism in 2018.

There will be no call for preliminary proposals in January 2018.

See

<https://www.nsf.gov/pubs/2018/nsf18011/nsf18011.jsp> for more information.

Save the Date!

December 8, 2017 will be SKI MASS at noon followed by our annual Holiday Party at 6:00 p.m.

Seminar Video Available

Last week's Life Science seminar by Daniel Pauly is now available for viewing on the [Life Science Hour page](#).

Events and Seminars

10 November 2017

• **Life Science Hour Seminar: Exercise is medicine: Science to solutions**

Carena Winters

Jacksonville University

3:00PM - 4:00PM

Murie Life Science Bldg, Murie Auditorium.

Travel

• **Bert Boyer**, 11/1/17 - 11/10/17, YK Delta, Field Work

• **Jeff Falke**, 11/8/17 - 11/12/17, Palmer, AK, MatSu Salmon Science and Conservation Symposium

IAB in the News

10/31/17: Peninsula Clarion

[Study reviews potential climate impacts on Kenai River salmon](#)

Erik Schoen, Mark Wipfli, Alaska Cooperative Fish and Wildlife Research Unit

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

LIFE SCIENCE HOUR SEMINAR

Friday, 10 November 2017

3:00 PM - Murie Life Science Bldg, Murie Auditorium.

Exercise is medicine: Science to solutions

Carena Winters

Jacksonville University

Euskirchen, E.S. (f), **Bret-Harte, M.S. (f)**, Shaver, G.R., **Edgar, C.W. (s)**, and **Romanovsky, V.E. (f)** (2017). Long-Term Release of Carbon Dioxide from Arctic Tundra Ecosystems in Alaska. *Ecosystems* 20:960-974 [IAB 4356].

Helbig, M., Wischnewski, K., Gosselin, G.H., Biraud, S.C., Bogoev, I., Chan, W.S., **Euskirchen, E.S. (f)**, Glenn, A.J., Marsh, P.M., Quinton, W.L., and Sonnentag, O. (2016). Addressing a systematic bias in carbon dioxide flux measurements with the EC150 and the IRGASON open-path gas analyzers. *Agricultural and Forest Meteorology* 228-229:349-359 [IAB 4357].

Luus, K.A., Commane, R., Parazoo, N.C., Benmergui, J., **Euskirchen, E.S. (f)**, Frankenberg, C., Joiner, J.,

Lindaas, J., Miller, C.E., Oechel, W.C., Zona, D., Wofsy, S., and Lin, J.C. (2017). Tundra photosynthesis captured by satellite-observed solar-induced chlorophyll fluorescence. *Geophysical Research Letters* 44:1564-1573 [IAB 4359].

Schoen, E.R. (O), **Wipfli, M.S. (O)**, **Trammell, E.J. (O)**, **Rinella, D.J. (O)**, **Floyd, A.L. (O)**, **Grunblatt, J. (O)**, **McCarthy, M.D. (O)**, **Meyer, B.E. (O)**, **Morton, J.M. (O)**, **Powell, J.E. (O)**, **Prakash, A. (O)**, **Reimer, M.N. (O)**, **Stuefer, S.L. (O)**, **Toniolo, H. (O)**, **Wells, B.M. (O)**, and **Witmer, F.D.W. (O)** (2017). Future of Pacific Salmon in the Face of Environmental Change: Lessons from One of the World's Remaining Productive Salmon Regions. *Fisheries* 42:538-553 [IAB 4360].

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

Quote of the Day

Freedom is nothing but a chance to be better.

[Albert Camus](#)