



LIFE SCIENCE NEWS

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Announcements

The 2017 Global Change Student Research Grant Competition RFP is now available at www.cgc.uaf.edu, and in hardcopy from the Graduate School (202 Eielson) or URSA (301 Bunnell). Graduate students may submit proposals for up to \$10,000 for one year, while undergraduates are eligible for up to \$7,500. Students should review the RFP carefully before preparing a proposal. Among the changes this year is that students need to work with their department-level proposal coordinators to prepare their budget. The deadline to submit proposals is 5pm Alaska Standard Time on Friday, February 10, 2017. Contact: Barb Hameister (bahameister@alaska.edu; 474-5818).

Events and Seminars

No events scheduled.

Travel

- **Abels, Mike**, 1/31/17 - 1/31/17, Anchorage, AK, SW Strategic Pathways team meeting

IAB in the News

1/24/17: Chicago Tribune

[How do you study fish in Antarctica? Ask these CPS](#)

[students, who built a probe](#)

Kristin O'Brien

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

Coker, R.H. (f), Weaver, A.N., Coker, M.S., **Murphy, C.J. (s)**, Gunga, H.-C., and Steinach, M. (2017). Metabolic Responses to the Yukon Arctic Ultra: Longest and Coldest in the World. *Medicine & Science in Sports & Exercise* 49:357-362 [IAB 4297].

Oxtoby LE, Budge SM, Iken K, **O'Brien DM (f)**, and Wooller MJ (2016). Feeding ecologies of key bivalve and polychaete species in the Bering Sea as elucidated by fatty acid and compound-specific stable isotope analyses. *Mar Ecol Prog Ser* 557:161-175 [IAB 4298].

Aslibekyan, S., Vaughan, L.K., Wiener, H.W., Hidalgo, B.A., Lemas, D.J., **O'Brien, D.M. (f)**, **Hopkins, S.E. (r)**, Stanhope, K.L., Havel, P.J., Thummel, K.E., **Boyer, B.B. (f)**, and Tiwari, H.K. (2016). Linkage and association analysis of circulating vitamin D and parathyroid hormone identifies novel loci in Alaska Native Yup'ik people. *Genes & Nutrition* 11:23 [IAB 4299].

Larsen, T., Ventura, M., Maraldo, K., Triadó-Margarit, X., Casamayor, E.O., Wang, Y.V., Andersen, N., and

LIFE SCIENCE HOUR SEMINAR

Friday, 3 February 2017

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

Extinction, assembly, and ecosystem engineering in ecological networks

Justin Yeakel

O'Brien, D.M. (f) (2016). The dominant detritus-feeding invertebrate in Arctic peat soils derives its essential amino acids from gut symbionts. *Journal of Animal Ecology* 85:1275-1285 [IAB 4300].

Lemas, D.J., Klimentidis, Y.C., Aslibekyan, S., Wiener, H.W., **O'Brien, D.M. (f)**, **Hopkins, S.E. (r)**, Stanhope, K.L., Havel, P.J., Allison, D.B., Fernandez,

J.R., Tiwari, H.K., and **Boyer, B.B. (f)** (2016). Polymorphisms in stearoyl coa desaturase and sterol regulatory element binding protein interact with N-3 polyunsaturated fatty acid intake to modify associations with anthropometric variables and metabolic phenotypes in Yup'ik people. *Molecular Nutrition & Food Research* 60:2642-2653 [IAB 4301].

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

Quote of the Day

There is just one life for each of us: our own.

[Euripides](#)