



LIFE SCIENCE NEWS

Published by the Institute of Arctic Biology

Monday, 5 September 2016

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 ...](#)" will be Wednesday, September 7 at 6:00pm in the Murie Auditorium. They will each present a special Life Science Hour seminar as well. DeVries will speak on Tuesday, September 6 at 2:00pm and Cheng will speak Wednesday, September 7 at 2:00pm. All seminars are free and in the Murie Auditorium. All are welcome.

George West, acting director of IAB 1974-1977, passed away August 31, 2016. West's research interests included the physiology and ecology of birds and the energetics of consumer populations in arctic and subarctic ecosystems. As deputy director of the International Biological Program Tundra Biome study he assisted in coordinating much of the ecological research related to tundra and taiga ecosystems in Alaska.

Events and Seminars

5 September 2016

- **Notice: Labor Day (offices closed)**

7 September 2016

- **Chapman Chair Seminar: Synchronization + Complex networks: Are such theoretical approaches useful for Earth and Life sciences?**

Jürgen Kurths

Humboldt University of Berlin

4:00PM - 5:00PM

Elvey Bldg, Elvey Auditorium rm 214

- **2016 Irving-Scholander Memorial Lecture: Not Your Chevy's Antifreeze - How Polar Fishes Avoid Freezing**

Art DeVries and Chi-Hing "Christina" Cheng

Professor Emeritus, Department of Animal Biology;

Professor, Department of Animal Biology

University of Illinois at Urbana-Champaign

6:00PM - 7:00PM

Murie Life Science Bldg, Murie Auditorium.

8 September 2016

- **Chapman Chair Seminar: Long Road to the New Arctic Ocean: Does a non-linear path lie ahead?**

Eddy Carmack

3:00PM - 4:00PM

Elvey Bldg, Elvey Auditorium rm 214

- **Chapman Chair Seminar: Reflections of Chapman Chairs Eddy Carmack and David**

LIFE SCIENCE HOUR SEMINARS

Tuesday, 6 September 2016

2:00 PM - Murie Life Science Bldg, Murie Auditorium.

The Role of Antifreeze Proteins in Freezing Avoidance of Polar Fishes

Art DeVries, Professor

University of Illinois at Urbana-Champaign

Wednesday, 7 September 2016

2:00 PM - Murie Life Science Bldg, Murie Auditorium.

Evolutionary Adaptation and Specialization of Fishes in Changing Polar Marine Environments

Chi-Hing Christina Cheng, Professor

University of Illinois at Urbana-Champaign

Scholl**Eddy Carmack & David Scholl**

5:00PM - 6:00PM

Murie Life Science Bldg, Murie Auditorium.

4:00PM - 5:00PM

Murie Bldg, Rm 105

9 September 2016

• **Chapman Chair Seminar: Two Reasons why some subduction zones, e.g. Aleutian and Alaska, are so seismically nasty, + what's new in potential new Aleutian and Bering Sea Studies.**

David Scholl

3:30PM - 4:30PM

Elvey Bldg, Elvey Auditorium rm 214

• **Meeting: Biology Grad Student Association (BGSA) Meeting**
Biology Grad Student Association (BGSA) Meeting

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

Martha K Reynolds (a) and **Donald A Walker (f)** (2016). Increased wetness confounds Landsat-derived NDVI trends in the central Alaska North Slope region, 1985-2011. Environmental Research Letters 11:085004 [IAB 4279].

Wade, M.J. and **Drown, D.M. (f)** (2016). Nuclear-mitochondrial epistasis: a gene's eye view of genomic conflict. Ecology and Evolution n/a-n/a [IAB 4280].

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

Quote of the Day

There are some people who, if they don't already know, you can't tell 'em.

[Yogi Berra](#)