



## Suggested STEM activities, Spring 2014

If you know of others, please ask your mentor or the PI's

### Single events – On campus

- 13 February Amy Del Medico, Associate Professor of Mathematics, Waubonsee Community College: Fractals: in, under, above and around you, , Auditorium, 7 PM
- 20 February Sam Rhine: Human Cloning & STEM Cells, Auditorium,
- 6 March Megan Dunning, Morton Arboretum: Climate Change for the Gardener, Auditorium, 7 PM

### Single events - Off Campus

- 4 February Bill Strond, Professor of Biology, Oakton Community College: ' Preliminary Exploration of the Fauna of Costa Rica', Oakton Community College, Room 1608 Des Plaines, 1 PM
- 11 February Armin Mozcek, Indiana University, Biology and Center for the Integrative Study of Animal Behavior): 'Origins of Novelty and Diversity in Development and Evolution: Case Studies on Horned Beetles' Presented by Eastern Illinois University, Lumpkin Hall, Room 2030 (Lumpkin Auditorium), 7 pm.
- 12 February Gene Robinson, University of Illinois, Entomology: 'Society to Genes', Eastern Illinois University, Lumpkin Hall, Room 2030 (Lumpkin Auditorium), 5 PM
- 13 February Heather Eisthen, Michigan State University -Zoology: 'Tainted Love: Olfactory Detection of Tetrodotoxin in Rough-skinned Newts', Eastern Illinois University, Lumpkin Hall, Room 2030 (Lumpkin Auditorium), 7 PM
- 14 February Darwin Day Distinguished Lecture, David Jablonski, Professor of Geophysical Sciences, University of Chicago: "Evolution and Extinction: Lessons from the Fossil Record." 7:30 P.M. ESS 001
- 2/14 – 2/17 Great Backyard Bird Count, <http://www.birdsource.org/gbbc>; A citizen science opportunity.
- 5 March Rebecca Skloot: 'On The Immortal Life of Henrietta Lacks', Oakton Community College, Des Plaines, 7 PM

### Fermilab Lecture series (<http://www.fnal.gov/culture/NewArts/Lectures/13-14/lecture.shtml>)

- 7 February Dr. John Carlstrom, Univ of Chicago; What do scientists know about the Big Bang?
- 25 April Dr. Nigel Lockyer, Fermilab; Particles as tools for Medicine

### NIU STEM Café See list of events at

[http://www.niu.edu/stem/community\\_programs/STEM\\_Cafe.shtml](http://www.niu.edu/stem/community_programs/STEM_Cafe.shtml)

- 11 February Nobel Pursuit: Why Discovering the Higgs Boson Matters. O'Leary's Restaurant and Pub,
- TBA Science of Beer, part 2

### Fox Valley Astronomical Society Public Star Parties

- Peck Farm Parking lot, 7:30 PM. See <http://www.fvastro.org> for more information
- 8 February How many planets?
- 8 March How to photograph the Heavens
- 12 April Springtime Skies?

#### Principal Investigator

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## All semester

Career Services (STC209) Make an appointment to review/ write your resume, search for careers, find an internship, or prepare for interviews

Stop by the Learning Enhancement Office to find out your learning style and to maximize your learning potential. It will require a 15 minute survey, available on a walk-in basis, followed by a scheduled appointment with Learning Enhancement Office personnel.

If you are an officer in a STEM – related student club (i.e. S.O.S. or Phi Theta Kappa). If you are President, that will count as all on campus requirements, other officers count as 1 event

Math Competition Exam. The exam will consist of two rounds, one in each semester Fall and Spring. Round 1 in the fall will be held in November. Contact Mark Crawford for more information. This will count as 1 event (pre-competition meetings and practice) and 1 event for Fall semester (for the competition)

## OVER

### Monthly Colloquia

You may choose any monthly colloquia from a STEM department in any local college that is of interest to you. Here are just a couple of suggestions.

NIU Geology see <http://www.niu.edu/geology/colloquium/index.shtml> for details

NIU Math see <http://www.math.niu.edu/colloq/> for details

NIU Chemistry see <http://www.niu.edu/chembio/seminars/index.shtml> for details

NIU Biology see [http://www.bios.niu.edu/news\\_events/seminar.shtml](http://www.bios.niu.edu/news_events/seminar.shtml) for details

### If there is interest

A group tour of Fermilab

Any other suggestion

If you are a President of a STEM related student group, then all of your STEM events are satisfied for as long as you are President. Other officers count for 1 event in the Fall and 1 event in the Spring.

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