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
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](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](http://www.fvastro.org) for more information
8 February   How many planets?
8 March      How to photograph the Heavens
12 April     Springtime Skies?
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  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.