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Mathematics and Statistics

**Seminars & Colloquium**

**March 26-30**

**Colloquium:**

**No Colloquium This Week**

**Monday –March 26**

**Logic-Topology Seminar**

Location: MATH 013

Time: 3:00-4:00pm

Speaker: Robert Byerly

Topic: Recursive Ultraproducts

**Geometry Seminar**

Location: MATH 011

Time: 3:00-4:00pm

Speaker: TBA

Topic: TBA

**GK-12 Seminar**

Location: MATH 017

Time: 4:00-5:00pm

Speaker: Discussion

Topic: Is medicine a STEM discipline?

**Statistics Seminar**

No Seminar This Week

**Analysis Seminar**

Location: MATH 016

Time: 4:00-5:00pm

Speaker: Brock Williams

Topic: Historical applications of random walks in physics and finance. Part II

**Tuesday – March 27**

**Biomathematics Seminar**

Location: MATH 012

Time: 3:30-4:30pm

Speaker: Glenn Lahodny Jr.

Topic: Stochastic Multi-Patch SIS/SIR Models

**Wednesday – March 28**

**Applied Math Seminar**

Location: MATH 016

Time: 4:00-5:30pm

Speaker: Thinh Tri Kieu

Topic: Sympletic-Mixed Finite Element Approximation of Linear Wave Equations

**Control Theory Seminar**

Location: MATH 111

Time: 4:00-5:00pm

Speaker: Jie Ma

Topic: Diaconis Stuff

**Thursday – March 29**

**Noyce Scholars & Math Education Seminar**

Location: MATH 115

Time: 11:00-12:00pm

Speaker: Branden Courtney

Topic: Case studies in inquiry based learning

**Friday – March 30**

**Algebra Seminar**

Location: MATH 111

Time: 4:00-5:00pm

Speaker: Arne Ledet

Topic: Lie Algebras in Algebraic Geometry II

Abstract:

The theory of linear algebraic groups/affine group varieties in algebraic geometry is an algebraic analogue of the theory of Lie groups in differential geometry. In these talks, we will describe how Lie algebras show up in the algebraic setting.

The second talk will be on affine group varieties and their associated Lie algebras