

# Mathematics

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## Department Information

- **Department Chair:**  
Friedrich Littmann, Ph.D.
- **Graduate Coordinator:**  
Indranil Sengupta, Ph.D.
- **Department Location:**  
412 Minard Hall
- **Department Phone:**  
(701) 231-8171
- **Department Web Site:**  
[www.ndsu.edu/math/](http://www.ndsu.edu/math/) (<http://www.ndsu.edu/math/>)
- **Application Deadline:**  
March 1 to be considered for assistantships for fall. Openings may be very limited for spring.
- **Credential Offered:**  
Ph.D., M.S.
- **English Proficiency Requirements:**  
TOEFL iBT 71; IELTS 6; Duolingo 100

### **Azer Akhmedov, Ph.D.**

Yale University, 2004

Research Interests: Group Theory, Low Dimensional Topology

### **Maria Angeles Alfonseca, Ph.D.**

Universidad Autonoma de Madrid, Spain, 2003

Research Interests: Fourier Analysis, Partial Differential Equations

### **Nikita Barabanov, Ph.D.**

University of Kiev, 1979

Research Interests: Differential Equations, Control Theory, Optimization, Neural Networks

### **Jason Boynton, Ph.D.**

Florida Atlantic University, 2006

Research Interests: Algebra

### **Catalin Ciuperca, Ph.D.**

University of Kansas, 2001

Research Interests: Commutative Algebras, Algebraic Geometry

### **Dogan Comez, Ph.D.**

University of Toronto, 1983

Research Interest: Ergodic Theory, Measureable Dynamics, Operator Theory

### **Josef Dorfmeister, Ph.D.**

University of Minnesota, 2009

Research Interests: Symplectic Topology

### **Benton Duncan, Ph.D.**

University of Nebraska, 2004

Research Interests: Operator Algebras, Noncommutative Functional Analysis

### **Torin Greenwood, Ph.D.**

University of Pennsylvania, 2015

Research Interests: Combinatorics

### **Friedrich Littmann, Ph.D.**

University of Illinois, Urbana-Champaign, 2003

Research Interests: Approximation Theory, Analytic Number Theory

### **Artem Novozhilov, Ph.D.**

Moscow State University of Communication Means, 2002

Research Interests: Mathematical Biology

**Indranil SenGupta, Ph.D.**

Texas A&M University, 2010

Research Interests: Mathematical Finance and Stochastic Processes

**Jessica Striker, Ph.D.**

University of Minnesota, 2008

Research Interests: Enumerative, Algebraic, Geometric and Bijective Combinatorics

**Abraham Ungar, Ph.D.**

Tel-Aviv University, 1973

Research Interests: Differential Equations, Integral Transforms, Wave Propagation, Special Relativity

**Ivan Yegorov, Ph.D.**

Lomonosov Moscow State University, 2014

Research Interests: Applied Mathematics