

CURRICULUM VITAE

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ACADEMIC CREDENTIALS

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| 1997 | Indiana State Teacher's License (Math 5-12). |
| 1995 | Coursework in American History and Education, Indiana University. |
| 1992 | Doctor in Teaching Mathematics, Moscow Scientific Research Institute of General Education, Russia |
| 1978 | Master's in Teaching Mathematics (equivalent to US undergraduate & graduate degrees combined), Kiev State Pedagogical Institute, Ukraine |

PROFESSIONAL HISTORY

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| 2008-Present | Full Professor of Mathematics, University of St. Francis |
| 2003-2008 | Associate Professor of Mathematics, University of St. Francis |
| 2000- Present | Chair, Department of Mathematics, University of St. Francis |
| 1998-2003 | Assistant Professor of Mathematics, University of St. Francis |
| 1993-1998 | Math Lecturer, St. Francis College, Fort Wayne, IN |
| 1997-1998 | Math Teacher at St. Joseph's High School, South Bend, IN |
| 1989-1992 | Math Instructor, Kiev Physics-Mathematical Lyceum |
| 1978- 1991 | Math Teacher, Kiev Secondary & High School #79 |

UNIVERSITY OF SAINT FRANCIS, COURSE RESPONSIBILITIES

MATH 120 FOUNDATIONS OF MATHEMATICS
MATH 122 COLLEGE ALGEBRA
MATH 125 ALGEBRA & TRIGONOMETRY
MATH 223 CALCULUS I
MATH 224 CALCULUS II
MATH 246 MATHEMATICS LABORATORY I
MATH 275 MATHEMATICAL PUZZLES AND GAMES
MATH 302 STATISTICS
MATH 306 LINEAR ALGEBRA
MATH 315 DIFFERENTIAL EQUATIONS
MATH 410 APPLIED STATISTICS
MATH 422 ABSTRACT ALGEBRA
MATH 446 MATHEMATICS LABORATORY II
MATH 476 MATHEMATICAL OLYMPIADS
EDUC 390 SPECIAL SECONDARY METH-MATH3
MATH 496 CALCULUS and PHYSICS

SCHOLARSHIP of TEACHING

TEACHING and ADMINISTRATIVE RESPONSIBILITIES

2008-Present	Full Professor of Mathematics, University of St. Francis
2004-Present	Director, Liberal Art Mathematics Program
2003-2008	Associate Professor of Mathematics
2003-Present	Director, Secondary Mathematics Program
2002-2004	Re-accreditation Review Process
2000- Present	Chair, Department of Mathematics
1998-2003	Assistant Professor of Mathematics
1998-Present	Mathematics Placement Coordinator

UNIVERSITY of SAINT FRANCIS COMMITTEE SERVICE

2007-2009, 2012-2015	Member, Promotion and Tenure Committee
1990-Present	Member, Teacher Education Committee

PROFESSIONAL CONFERENCES

- Joint Mathematics Meetings, Orlando, FL, 1996.
- Indiana Section of the Mathematical Association of America, 1999
- IRMC Spring Meeting, 2000
- Joint Mathematics Meetings, Washington D. C., 2000
- Joint Mathematics Meetings, San Diego, CA, 2002
- Joint Mathematics Meetings, Phoenix, AZ, 2004
- Joint Mathematics Meetings, Atlanta, GE, 2005
- Joint Mathematics Meetings, San Antonio, TX, 2006
- Annual Conference on Math Education in Kiev, Ukraine, 2006
- Annual Conference on Math Education in Moscow, Russia, 2007
- Meeting with Math Educators in Saint Petersburg, Russia, 2007
- Meeting with a teacher of the 2006 Fields Medal (Nobel Price Equivalent in Mathematics) Laureate Gregory Perelman – Professor Serge Rukshin, 2007
- Meeting with Math Educators in Haifa, Israel, 2008
- Annual conference of National Council of Teachers of Mathematics in Salt Lake City, 2008
- Annual conference of National Council of Teachers of Mathematics in Indianapolis, 2011
- Annual conference of National Council of Teachers of Mathematics in Philadelphia, 2012
- Annual conference of National Council of Teachers of Mathematics in Denver 2013

SCHOLARSHIP of APPLICATION

- Development of Secondary Math Major
- Development of Liberal Art Math Major
- Development of and implementation of the Blackboard and MyMathLab software to mathematical courses at USF
- Development of departmental assessment plans
- Since 2011, the Department of Mathematics has been hosting semiannual math competitions (AMC 10-12 and AMC-8) for 4-states area high and middle schools' students.

DEVELOPING NEW COURSES

MATH 246 MATHEMATICS LABORATORY I
MATH 275 MATHEMATICAL PUZZLES AND GAMES
MATH 446 MATHEMATICS LABORATORY II
MATH 476 MATHEMATICAL OLYMPIADS

**EDUC 390 SPECIAL SECONDARY METH-MATH3
MATH 496 CALCULUS AND PHYSICS**

SERVICE to the PROFESSION

- Reviewer/Accreditor. State of Indiana Accreditation Program Review, 2006-Present.
- Review of a new Calculus textbook by Jon Rogawski published by W. H Freeman and Company Publishers, 2004
- Geometry Online Course Survey, by McGraw-Hill, 2005
- Partnership in “Wells County Algebra Initiative”, 2007
- Recommendation to the National Math Panel, 2006-2008

- Development of on the Indiana Academic Standards in mathematics

PRESENTATIONS AND PUBLICATIONS

- “Collective Forms of Lessons.” Kiev Pedagogical Newspaper, 1988
- “Once More about the System of Lessons” USSR Journal “Mathematics at School” # 6, 1989.
- Presentation “The System of Lessons as an Alternative to the Combined Lesson” at Research Conference in Collegiate Mathematics Education, Central Michigan University, Mount Pleasant, MI, 9/8/1996
- Presentation “Comparative Analysis of Math Education in Ukraine and the USA”. Annual conference of math educators in Kiev, Ukraine, August 15, 2006
- Presentation “Short-Cut Mathematics”. Three Rivers Science Symposium, March 6, 2008
- Proposal “Short-Cuts in Mathematics” for the annual NCTM conference in Washington DC, April 2010

COMMUNITY SERVICE

- Continue helping immigrants with their tax papers, translations, shopping, and paperwork.
- Collaboration with local schools in preparing documents and programs in different languages
- Continue working with Catholic Charities on helping immigrants to adjust to life in the USA

SCHOLARSHIP of INTEGRATION

- Research on Math Teacher Education
- Collaborate with the Art department to develop an geometry course for art majors

- Collaboration with Enrollment Management in external marketing
- Designing an interdisciplinary course on Ethnomathematics, Biomathematics, Environmental Math, Art and Music Thru Math, and Fictional Math
- Accommodation of math sections to specific departments and majors needs (problem solving for business majors, math for health, differential equations for sciences)

PRESENTATIONS AND PUBLICATIONS

- Presentation "Complimentary Principle" at Science Symposium at USF, Fall 2000
- Presentation "Mathematical Puzzles and Games". Three Rivers Science Symposium, March 4, 2006
- Workshop *Where Is the Mistake? Mathematical Sophisms and Fallacies* Three Rivers Science and Mathematics Symposia, USF, Spring-2006.

SCHOLARSHIP of DISCOVERY

- Proposals of math problems for *Mathematics Magazine*
- Solutions to Math problems in *Mathematics Magazine*
- Solutions to Proposals 1725, 1742, 1777, and 1809 were published in the *Mathematics Magazine* of the Mathematical Association of America.

PRESENTATIONS AND PUBLICATIONS

- "The Circle Helps to Solve Problems. "USSR Journal "Mathematics at School", # 2, 1990
- "About the Method of Auxiliary Circle."USSR Journal "Coach", # 7, 1992
- "Where Are the Problems Taken From?"USSR Journal "Quaint", # 8-9, 1991
- Presentation "Teaching Students to Solve Geometry Problems Using Auxiliary Circles" at Seattle MathFest, August 10, 1996

PROFESSIONAL ASSOCIATIONS

- Mathematical Association of America
- American Mathematical Society
- National Council of Teachers of Mathematics
- Math Liaison in Mathematical Association of America