

Suzanne Collier Melescue

Associate Professor of Mathematics

(870)972-3090

scmelescue@astate.edu

Current Position

Position Title: Associate Professor of Mathematics

Current Academic Rank: Associate Professor

Rank Since: Fall 2002

Degrees

Ph D	Mathematics, University of Tennessee, Knoxville, Tennessee 1997
	Dissertation: A Theory on Perturbations of the Dirac Operator
MS	Mathematics, University of Tennessee, Knoxville, Tennessee 1993
BS	Secondary Education: Mathematics, University of Tennessee, Chattanooga, Chattanooga, Tennessee 1991

Scholarly Contributions and Creative Productions

Journal Publications

Melescue, S. (2002). Decay of Solutions of Ordinary Differential Equations. *Journal of Mathematical Analysis and Applications*, 276(2002), 532 - 544.

Melescue, S., & Hinton, D.B. (2001). Relative-Boundedness-Compactness Inequalities for a Second Order Differential Operator. *Mathematical Inequalities & Applications*, 4(1), 35 - 52.

Melescue, S. (1999). A Theory on Perturbations of the Dirac Operator. *Journal of Inequalities and Applications*, 4(1999), 17 - 56.

Presentations

Melescue, S. (2009). Fibonacci Numbers Inside and Outside. ASU MAA Seminar Series.

Melescue, S. (2007). Fibonacci Numbers and Nature. ASU MAA Seminar Series.

Melescue, S. (2002). Decay of Solutions of Ordinary Differential Equations. 22nd Southeastern-Atlantic Regional Conference on Differential Equations.

Melescue, S. (2000). Relative-Boundedness-Compactness Inequalities for a Second Order Differential Operator. Southeastern Meeting of the American Mathematical Society.

Melescue, S. (1999). Relatively Bounded Perturbations of Two Differential Operators. Seminar.

Melescue, S. (1998). A Theory on Perturbations of the Sturm-Liouville Operator. Southeastern Meeting of the American Mathematical Society.

Melescue, S. (1997). A Theory on Perturbations of the Dirac Operator. Third Midwest-Southeastern Atlantic Joint Regional Conference on Differential Equations.

Institutional Committees

University

Faculty Achievement Awards Committee (University) Fall 2005 - Summer 2012
Undergraduate Enrollment and Academic Policy Committee (University) Fall 2006
- Summer 2012

Other Institutional Service

(Other) New Student Orientation (University) Summer 2012
(Committee Member) Customer Relationship Technology Committee (University)
Summer 2012 - Fall 2007
(Other) University Honors Scholarship Competition (University) Summer 2012 -
Spring 2008
(Other) Service (University) Summer 2012 - Fall 2009
(Committee Member) Search Committee (University) Summer 2012 - Fall 2009
(Committee Member) Strategic Planning Committee (University) Summer 2012
(Other) Preview Day (University) Summer 2012
(Committee Member) Faculty Search Committee (University) Fall 2009 - Spring 2010
(Committee Member) Faculty Search Committee (University) Fall 2008 -
Summer 2009
(Committee Member) Scholarship and Awards Committee (University) Fall 2008 -
Summer 2012
(Committee Member) Computer Science Promotion, Retention, and Tenure
Committee (University) Fall 2008 - Summer 2012
(Committee Member) Dean Search Committee (University) Spring 2008 - Fall 2008
(Committee Member) Faculty Search Committee (University) Spring 2008 -
Summer 2008
(Other) Course Equivalency Committee (University) Fall 2007 - Summer 2012
(Committee Member) Faculty Search Committee (University) Fall 2007 - Spring 2008
(Other) Master's Thesis Committee (University) Spring 2007 - Summer 2007
(Committee Member) College Promotion, Retention and Tenure Committee
(University) Fall 2005 - Summer 2012
(Other) Promotion, Retention and Tenure Committee (University) Fall 2005 -
Summer 2012
(Committee Chair) Calculus Review Committee (University) Fall 2004 -
Summer 2012
(Committee Member) Teacher Education Screening Committee (University)
Fall 1997 - Fall 2008
(Committee Member) Curriculum and Instruction for Mathematics Committee
(University) Fall 1997 - Summer 2012

Teaching

Fall 2006 Courses:

MATH 3254 002 - Calculus III
MATH 3254 003 - Calculus III
MATH 3353 001 - History of
Mathematics
MATH 4403 001 - Differential Equations

Spring 2007 Courses:

MATH 2214 001 - Calculus II
MATH 2214 002 - Calculus II

MATH 2214 003 - Calculus II
MATH 4403 001 - Differential
Equations

Fall 2007 Courses:

MATH 3254 001 - Calculus III
MATH 3254 002 - Calculus III
MATH 3254 003 - Calculus III
MATH 3254 004 - Calculus III
MATH 4403 001 - Differential
Equations

Spring 2008 Courses:

MATH 2214 001 - Calculus II
MATH 2214 002 - Calculus II
MATH 2214 003 - Calculus II
MATH 2214 004 - Calculus II
MATH 4403 001 - Differential
Equations

Fall 2008 Courses:

MATH 3254 001 - Calculus III
MATH 3254 002 - Calculus III
MATH 3254 003 - Calculus III
MATH 3254 004 - Calculus III
MATH 4513 001 - Applied Mathematics
MATH 5513 1 - APPLIED MATHEMATICS

Spring 2009 Courses:

MATH 2214 001 - Calculus II
MATH 2214 003 - Calculus II
MATH 2214 005 - Calculus II
MATH 4403 001 - Differential
Equations
MATH 4403 002 - Differential
Equations

Fall 2009 Courses:

MATH 2204 003 - Calculus I
MATH 2204 006 - Calculus I
MATH 3254 001 - Calculus III
MATH 3254 003 - Calculus III
MATH 459V 001 - Special Problems in Mathematics
MATH 5123 1 - SPEC TOP PARTIAL DIFFERENT EQU

Spring 2010 Courses:

MATH 2214 002 - Calculus II
MATH 2214 004 - Calculus II
MATH 3243 001 - Linear
Algebra
MATH 3243 002 - Linear
Algebra
MATH 3254 003 - Calculus III

Fall 2010 Courses:

MATH 2204 001 - Calculus I

MATH 2204 005 - Calculus I

MATH 459V 001 - Special Problems in Mathematics

MATH 459V 002 - Special Problems in Mathematics

MATH 5123 1 - SPEC TOP PARTIAL DIFFERENT EQU

Spring 2011 Courses:

MATH 2214 001 - Calculus II

MATH 2214 002 - Calculus II

MATH 2214 003 - Calculus II

MATH 2214 004 - Calculus II

MATH 4403 001 - Differential
Equations

Fall 2011 Courses:

MATH 2204 H05 - HNRS CALCULUS I

MATH 3254 001 - Calculus III

MATH 3254 H03 - HNRS CALCULUS III

MATH 459V 001 - Special Problems in Mathematics

MATH 5123 1 - SPEC TOP PARTIAL DIFFERENT EQU

Spring 2012 Courses:

MATH 2204 001 - Calculus I

MATH 3243 001 - Linear Algebra

MATH 3243 H01 - HNRS LINEAR ALGEBRA

MATH 3254 001 - Calculus III

MATH 3254 H02 - HNRS CALCULUS III

Fall 2012 Courses:

MATH 2204 001 - CALCULUS I

MATH 2204 H05 - HNRS CALCULUS I

MATH 459V 001 - SP PROB PARTIAL DIFF EQUATIONS

MATH 5123 001 - SPEC TOP PARTIAL DIFFERENT EQU