

## CURRICULUM-VITAE

Alexandros Kouvidakis

DATE OF BIRTH : March 12, 1963  
PLACE OF BIRTH : Heraklion-Crete, Greece  
CITIZENSHIP : Greek  
CURRENT POSITION : Associate Professor in Mathematics  
University of Crete, Greece  
FIELD OF INTEREST : Algebraic Geometry  
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MAILING ADDRESS : University of Crete  
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### EDUCATION

1980-84: Undergraduate studies, Univ. of Crete, Dept. of Mathematics.  
1984-85: Graduate studies, Univ. of Crete, Dept. of Mathematics.  
1985-88: Graduate studies, Brown University, Dept. of Mathematics.  
1988-90: Graduate studies, Harvard University, Dept. of Mathematics.

### DEGREES

Diploma in Mathematics: June 1984, University of Crete.  
M.Sc. in Mathematics: May 1988, Brown University.  
Ph.D. in Mathematics: June 1990, Harvard University.  
Thesis Advisor: Joe Harris.  
Title of Thesis: Divisors on some moduli spaces.

### POSITIONS

Sept 90 - June 93: Lecturer in Mathematics, University of Pennsylvania.  
Sept 95 - Aug 96: Visiting Professor, Dept. of Mathematics, U. of Crete.  
Sept 96 - March 2002: Assistant Professor, Dept. of Mathematics, U. of Crete.  
March 2002 - now: Associate Professor, Dept. of Mathematics, U. of Crete.

### PUBLICATIONS

1. *The Picard group of the universal Picard varieties over the moduli space of curves.*  
[J. of Differential Geometry, 34 (1991), 839-850].
2. *Divisors on symmetric products of curves.*  
[Transactions of the A.M.S., 337 (1993), 117-128].
3. *Ample divisors on the moduli space of 0-genus  $n$ -pointed stable curves.*  
[Communications in Algebra, 21 (1993), 3165-3181].

4. *On the moduli space of vector bundles on the fibers of the universal curve.*  
[J. of Differential Geometry, 37 (1993), 505-522].
5. *Picard groups of Hilbert schemes for curves.*  
[J. of Algebraic Geometry, 3 (1994), 671-684].
6. *The automorphism group of the moduli space of semi stable vector bundles.*  
[with T. Pantev - Mathematische Annalen, 302 (1995), 225-268].
7. *On the symmetric product of a curve with general moduli.*  
[with C. Ciliberto - Geometriae Dedicata, 78 (1999), 327-343].
8. *Theta line bundles and the determinant of the Hodge bundle.*  
[Transactions of the A.M.S., 352 (2000), 2553-2568].
9. *On some results of Morita and their application to questions of ampleness.*  
[Math. Z., 241 (2002), 17-33].
10. *Cycle relations on Jacobian varieties.*  
[with G. van der Geer and with an appendix by D. Zagier - Compositio Math. 143 (2007), 900-908].
11. *A note on Fano surfaces of nodal cubic threefolds.*  
[with G. van der Geer - Advanced Studies in Pure Mathematics 58 (2010), 27-45].
12. *The rank-one limit of the Fourier-Mukai transform.*  
[with G. van der Geer, Documenta Mathematica 15 (2010), 747-763].
13. *The class of a Hurwitz divisor on the moduli of curves of even genus.*  
[with G. van der Geer, arXiv 1005.0969, 18 pp].
14. *The Hodge bundle on Hurwitz spaces.*  
[with G. van der Geer, Pure and Applied Mathematics Quarterly 7 (2011), 1297-1308].
15. *Rational correspondences between moduli spaces of curves defined by Hurwitz spaces.*  
[with G. van der Geer, J. of Pure and Applied Algebra, doi:10.1016/j.jpaa.2011.10.017, to appear].