

BERNARD J. HARRIS

Professor

I. LENGTH OF SERVICE TO NIU

Bernard Harris has been in the Mathematical Sciences Dept. of NIU since 1981.

II. DEGREES EARNED AND PREVIOUS EXPERIENCE

Bernard Harris received his B.Sc. from the University of Wales in 1974 and his Ph.D. from the University of Wales in 1977.

III. NUMBER OF YEARS OF SCHOOL EXPERIENCE/CERTIFICATION

None

IV. NAMES AND CATALOGUE NUMBERS OF UNDERGRADUATE AND GRADUATE COURSES TAUGHT IN THE LAST 5 YEARS

Math 101, Math 229, Math 230, Math 336, Math 360, Math 416, Math 430, Math 536, Math 592, Math 640, Math 692, Math 699.

V. UNIVERSITY AND DEPARTMENTAL RESPONSIBILITIES/DISTINCTIONS (such as serving as an adviser for the math club)

Served on General Education Committee, Undergraduate Coordinating Council, Graduate Studies Committee, Undergraduate Studies Committee.

Recipient of NIU's Excellence in Undergraduate Teaching Award.

VI. OTHER SIGNIFICANT RESPONSIBILITIES/DISTINCTIONS (such as serving as a board member for a professional organization)

None.

VII. FIVE PUBLICATIONS REPRESENTING AREAS OF PROFESSIONAL EXPERIENCE AND INTEREST

1. Connection formulae for spectral functions associated with singular Sturm-Liouville equations (with D. J. Gilbert). To appear in *Proc. Royal Soc. Edinburgh*.
2. The form of the spectral functions associated with Sturm-Liouville problems with continuous spectrum, *Mathematika* 44 (1997), 149-161.
3. On an oscillation criteria of Cohn, *Quarterly J. Math. Oxford* (2) 42 (1991), 309-313.
4. An inverse problem for Titchmarsh-Weyl m -functions, *Proc. Royal Soc. Edinburgh* 110A (1988), 63-71.
5. On the asymptotic properties of linear differential equations, *Mathematika* 34 (1987), 187-198.