



Research Interests

- Environmental Law
- Environmental Policy
- Conservation Education

Nicola Benning, BSc (Hons.) MSc.

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**Adjunct Professor of Biological Sciences, Biology Lab
Coordinator; January 2018-Present
Texas A&M University-Texarkana**

Recently taught classes

BIOL 2406, BIOL 1107

Education

UNIVERSITY OF GREENWICH, England, UK - MSc Environmental Conservation, 2001

UNIVERSITY OF SALFORD, England, UK - BSc Joint Honors in Biology and Geography, 1996

Academic Experience

Scripps Research Institute, Department of Cellular Biology, Vascular Biology and Neuropharmacology, La Jolla,

Research Specialist – 2004-2006

Research Associate – 2001-2004

NR International, Chatham Maritime, England, UK

Environmental Project Manager 1998-2001

Significant Professional Publications

Increasing the CD4+ T cell precursor frequency leads to completion for IFN-gamma thereby degrading memory cell quality. Whitmire JK, **Benning N.**, Eam B, Whitton JL. Immunol. 2008 May 15; 180(10):6777-85

Amelioration of coxsackievirus B3-mediated myocarditis by inhibition of tissue inhibitors of matrix metalloproteinase-1.

Crocker SJ, Frausto RF, Whitmire JK, **Benning N.**, Milner R, Whitton JL. Am J Pathol. 2007 Dec;171(6):1762-73. Epub 2007 Nov 30.

Direct interferon-gamma signaling dramatically enhances CD4+ and CD8+ T cell memory. Whitmire JK, Eam B, **Benning N.**, Whitton JL. J Immunol. 2007 Jul 15;179(2):1190-7.

Precursor frequency, nonlinear proliferation, and functional maturation of virus-specific CD4+ T cells. Whitmire JK, **Benning N.**, Whitton JL. J Immunol. 2006 Mar 1;176(5):3028-36.

Cutting edge: early IFN-gamma signaling directly enhances primary antiviral CD4+ T cell responses. Whitmire JK, **Benning N.**, Whitton JL. J Immunol. 2005 Nov 1;175(9):5624-8.

Immunoproteasome-deficient mice mount largely normal CD8+ T cell responses to lymphocytic choriomeningitis virus infection and DNA vaccination. Nussbaum AK, Rodriguez-Carreno MP, **Benning N.**, Botten J, Whitton JL. J Immunol. 2005 Jul 15;175(2):1153-60.

Vaccinia virus infection during murine pregnancy: a new pathogenesis model for vaccinia fetal. **Benning N.**, Hassett DE. J Virol. 2004 Mar;78(6):3133-9