Curriculum Vitae

Brooks Roberts

(i) Professional Preparation

Undergraduate Institution:		
Reed College	Mathematics	BA, 1987
Graduate Institution:		
University of Chicago	Mathematics	PhD, 1992
Postdoctoral Institutions:		
University of Maryland		1992–1994
Max-Planck-Institut für Mathematik, Bonn		1994–1995

(ii) Appointments

University of Idaho	Affiliated Assistant Professor	1998–present
University of Toronto	Assistant Professor	1995–1998

(iii) Major research grants

Natural Sciences and Engineering Research Council, Canada, 1996–1998:
"Theta correspondences and the automorphic representation theory of GSp(4)"
National Security Agency, USA, 2000–2003:
"Theta Lifts and Automorphic Representations of GSp(4)"
National Science Foundation, USA, 2004–2008:
"Collaborative Research: Local Newforms for GSp(4)"

(iv) Minor research grants

Mathematisches Forschungsinstitut Oberwolfach, Germany, RIP program, June-July 2005:
"Lokale Neuformen für GSp(4)"

(v) Invited Lectures

University of Cologne, August 1992
University of California, Santa Cruz, March 1994
Conference on the theta correspondence, dual pairs and automorphic forms, May 1994
University of Bonn, January 1995
University of Wuppertal, January 1995
Max-Planck-Institut für Mathematik, May 1995
AMS special session on the theta correspondence and automorphic forms, March 1996
University of Maryland, November 1996, December 1997
AMS conference on representation theory of real and p-adic reductive groups, July 1997
Ohio State University, October 1997, November 1999
CIRM conference, representations du groups p-adique Sp(4), June 1998
University of Idaho, November 1998, February 2000, November 2003

University of Utah, March 1999
CRM workshop on representations of reductive p-adic groups, May 1999
University of Minnesota, April 2000, April 2005
JAMI program on Shimura varieties and automorphic forms, March 2001
University of Toronto, May 2001
MSRI, automorphic forms and representation theory of p-adic groups, November 2001
Princeton University, May 2002
Oberwolfach workshop on modulformen, September 2002
Osaka City University, January 2003
RIMS conference on automorphic forms and representations of algebraic groups, January 2003
AMS special session on representation theory of reductive groups, October 2004
University of California, San Diego, January 2005
AMS special session on L-functions, March 2005
Midwest Representation Theory Conference, October, 2005
The 9th Autumn Workshop on Number Theory, Hakuba, Japan, November, 2006

(vi) Publications

1. Roberts, B.: *Lifting of Automorphic Forms on the Units of a Quaternion Algebra to Automorphic Forms on the Symplectic Groups.* Ph.D. Thesis, University of Chicago (1992).

2. Roberts, B.: *The theta correspondence for similitudes.* Israel Journal of Mathematics **94** (1996) 285–317.

3. Roberts, B.: *Nonvanishing of global theta lifts.* Proceedings of the AMS Summer Research Conference, Representation Theory of Real and p-adic Reductive Groups (1997).

4. Roberts, B.: *Nonvanishing of* GL(2) *automorphic L-functions at* 1/2. Mathematische Annalen **312** (1998) 575–598.

5. Roberts, B.: *Tempered representations and the theta correspondence.* Canadian Journal of Mathematics **50** (1998) 1105–1118.

6. Roberts, B.: *The nonarchimedean theta correspondence for* GSp(2) *and* GO(4). Transactions of the American Mathematical Society **351** (1999) 781–811.

7. Roberts, B.: *Nonvanishing of global theta lifts from orthogonal groups.* Journal of the Ramanujan Mathematical Society **14** (1999) 153–216.

8. Roberts, B.: *Global L-packets for* GSp(4) *and theta lifts.* Documenta Mathematica **6** (2001), 247–314.

9. Roberts, B.; Schmidt, R.:, *New vectors for* GSp(4)*: a conjecture and some evidence.* Surikaisekikenkyusho Kokyuroku (Research Institute for Mathematical Sciences, Kyoto University) **1338** (2003) 107–121.

10. Roberts, B.; Schmidt, R.: *On modular forms for the paramodular group.* In Boecherer, S., Ibukiyama, T., , Kaneko, M. and Sato, F. (ed) Automorphic Forms and Zeta Functions. Proceedings of the Conference in Memory of Tsuneo Arakawa. World Scientific (2006).

11. Roberts, B.; Schmidt, R.: *An alternative proof of a theorem about local newforms for* GSp(4). Proceedings of the 9th Autumn Workshop on Number Theory, Hakuba, Japan (2006) 29 pages.

12. Roberts, B.; Schmidt, R.: *A decomposition of the spaces* $S_k(\Gamma_0(N))$ *in degree 2 and the construction of hypercuspidal modular forms.* Proceedings of the 9th Autumn Workshop on Number Theory, Hakuba, Japan (2006) 46 pages.

13. Roberts, B.; Schmidt, R.: *Local Newforms for* GSp(4) (research monograph). Springer Lecture Notes in Mathematics **1918** (2007) 312 pages.