

Principal Investigator/Program Director (Last, first, middle): _____

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed on Form Page 2.

Follow the sample format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME MICHAEL BRIAN MILLIS, B.A., M.D.	POSITION TITLE Associate Professor of Clinical Orthopaedic...
eRA COMMONS USER NAME	Associate Professor of Orthopaedic Surgery,...

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.*)

INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Harvard College	A.B.	1966	
Harvard Medical School	M.D.	1970	

A. Positions and Honors.

Positions and Employment

1976-1978 Instructor in Orthopaedic Surgery, Medical University of South Carolina
1978-1987 Instructor in Orthopaedic Surgery, Harvard Medical School
1987-1995 Assistant Clinical Professor of Orthopaedic Surgery, Children's Hospital, Boston
1998- Associate Professor of Orthopaedic Surgery, Children's Hospital, Boston

Other Experience and Professional Memberships

1976- North American Trauma Association
1976- Massachusetts Medical Society
1979- American Academy of Orthopaedic Surgeons
1980- Pediatric Orthopaedic Society of North America
1984- Scoliosis Research Society
Boston Orthopaedic Club
1985- SICOT
1985- New England Orthopaedic Society
1993- The Hip Society
1993- European Pediatric Orthopaedic Society
1997- The International Hip Society

Honors

1990 Co-recipient, Frank Stinchfield Award, The Hip Society
1992 Best Clinical Paper Award, Pediatric Orthopaedic Society Annual Meeting

B. Selected peer-reviewed publications (in chronological order).

1. Sponseller PD, Desai S, Millis MB. Comparison of femoral and innominate osteotomies for the treatment of Perthes disease. J Bone Joint Surg 1988;70-A:1131-9.
2. Millis MB, Murphy SB. Use of computed tomographic reconstruction in planning osteotomies of the hip. Clin Orthop 1992;274:154-59.
3. Millis MB, Kaelin A, Schluntz K, Curtis B, Hey L, Hall JE. Spherical acetabular osteotomy for treatment of acetabular dysplasia in adolescents and young adults. J Pedi Orthop 1993;3:47-53.
4. Millis MB, Kaelin A, Schluntz K, Curtis B, Hey L, Hall JE. Spherical acetabular osteotomy for the treatment of acetabular dysplasia in the adolescent and young adult. J Pediatr Orthop 1993;3(Pt B):47-53.
5. Millis MB, Murphy SB, Poss R. Osteotomies about the hip for the prevention and treatment of osteoarthritis. J Bone Joint Surg 77A(4):1995, 626-647.

6. Jaramillo D, Villegas-Medina O, Laor T, Shapiro F, Millis MB. Gadolinium-enhanced MR imaging after reduction of dysplastic hips: assessment of femoral head position, factors impeding reduction, and femoral head ischemia. *A J Radiology* 1998; 70:1633-7.
7. Murphy SB, Millis MB, Hall JE. Surgical correction of acetabular dysplasia in the adult. *Clin Orthop* 1999; 363:38- 44.
8. Murphy SB, Millis MB. Periacetabular osteotomy without abductor dissection using direct anterior exposure. *Clin Orthop* 1999; 364:92-8.
9. Hipp JA, Nobuhiko S, Millis MB, Murphy SB. Planning acetabular redirection osteotomies based on joint contact pressures. *Clin Orthop* 1999;364:134-43.
10. Kim YJ, Jaramillo D, Millis MB, Gray ML, Burstein D. Assessment of early osteoarthritis in hip dysplasia with delayed gadolinium-enhanced magnetic resonance imaging of cartilage. *J Bone Joint Surg Am* 2003; Oct 85-A(10):1987-92.
11. Murphy SB, Tannast, M, Kim YJ, Buly R, Millis MB. Debridement of the adult hip for femoroacetabular impingement: indications and preliminary clinical results. *Clin Orthop* 2004; 429:178-81.
12. Katz DA, Kim YJ, Millis MB. Periacetabular osteotomy in patients with Down syndrome. *J Bone Joint Surg (Br)* 2005; 87-B, 544-48.

C. Research Support.

Ongoing Research Support

Michael Millis and Young-Jo Kim (P.I.) 1999-2002
Orthopaedic Research and Education Foundation
Clinical and Noninvasive Mechanical and Physiochemical Analysis of Hip Dysplasia

Role: Co-P.I.