

**2000-2001
SUMMARY OF SCHOLARLY ACTIVITIES
DEPARTMENT OF ORTHOPAEDIC SURGERY**

I. ARTICLES PUBLISHED IN BOOKS AND JOURNALS

A. Full-length published articles.

S. Bonsell, A.W. Pearsall, R.J. Heitman, C.A. Helms, N.M. Major, and K.P. Speer. The Relationship of Age, Gender and Changes Observed on Shoulder Radiographs of Asymptomatic Individuals. *JBJS* 82-B(8):1135-39 (2000).

J.M. Hollis, P.W. Niciforis, and A.W. Pearsall. Change in Meniscal Strain With ACL Injury and After Reconstruction. *Am. J. Sports Med.* 28(5):700-704 (2000).

J.M. Kovaleski, R.J. Heitman, D.P.S. Andrew, L.R. Gurchiek, and A.W. Pearsall. Relationship Between Closed Linear Kinetic and Open Kinetic Chain Isokinetic Strength and Lower Extremity Functional Performance. *J Sports Rehab.* 10(3):196-204 (2001).

J.M. Kovaleski, L.R. Gurchiek, and A.W. Pearsall. Musculoskeletal Injuries: Risks, Prevention and Care. IN: J.L. Roitman (Ed.) American College of Sports Medicine Resource Manual for Guidelines for Exercise Testing and Prescription. 4th Ed., Lippincott, Williams & Wilkins, pp. 492-500 (2001).

R.D. Meldrum and J.M. Hollis. The Strength of a Cement Acetabular Locking Mechanism. *J. Arthroplast.* 16(6):748-752 (2001).

A.W. Pearsall. Adhesive Capsulitis. *Emedicine Orthopaedic Textbook.* www.emedicine.com. (2001).

A.W. Pearsall and G.V. Russell. Ipsilateral Clavicle Fracture, Sternoclavicular Joint Subluxation, and Long Thoracic Nerve Injury. An Unusual Constellation of Injuries Sustained During Wrestling: A Case Report. *Am. J. Sports Med.* 28(6):904-08 (2000).

A.W. Pearsall. Surgical Reconstruction of the Anterior Cruciate Ligament: The Central Quadriceps Tendon as an Alternative Graft Source. www.theSportJournal.com. Vol 3:2 (2000).

M.D. Perry and A. Manoli II. Foot Compartment Syndrome. *Orthop. Clin. North Am.* 32(1):103-111 (2001).

G.V. Russell, M.D. Perry, and A.W. Pearsall. Heterotopic Ossification of the Adductor Longus Muscle Presenting as Dyspareunia. *Am. J. Orthop.* 11:879-82 (2000).

B. Articles in press.

W.C. Cottrell and A.W. Pearsall. Simultaneous Tears of the Achilles Tendon and Medial Head of the Gastrocnemius Muscle: A Case Report. *Orthopaedics* (2001).

G.V. Russell, M.D. Perry, and A.W. Pearsall. Intramedullary Fixation of a Distal Humerus Fracture. *J. Orthop. Trauma* (2001).

II. **PUBLISHED ABSTRACTS.**

M.T. Caylor and A.W. Pearsall. The Use of Fresh Osteochondral Grafting in the Treatment of Osteochondritis Dissecans of the Talus: Case Report and Review of the Literature. 50th Annu. Mtg., Ala. Orthop. Soc., Abstr. #24 (2001).

J.M. Kovalski and A.W. Pearsall. Leg Injury: Tennis. *Med. Sci. Sports Exerc.* 33(5):Suppl. S93 (2001).

A.W. Pearsall, J.M. Hollis, G.V. Russell, and P. Niciforous. The Biomechanical Properties of the Tibialis Anterior, Tibialis Posterior and Peroneus Longus Tendons as Potential Graft Sources. *Arthrosc. Assoc. North Am.*, pp.83-84 (2001).

A.W. Pearsall, J.M. Kovalski, J.M. Hollis, R.J. Heitman, and L.R. Gurchiek. Instrumented Measurement of Ankle Joint Complex Laxity in Simulated Lateral Ankle Ligament Injury. 12th Annu. Southeast. Orthop. Foot Club Mtg., pp.101-103 (2001).

A.W. Pearsall, J.M. Hollis, J.D. Stutz, and G.V. Russell. The Biomechanical Properties of the Tibialis Anterior, Tibialis Posterior, and Peroneus Longus Tendons as Potential Graft Sources. 4th Combined Mtg., Orthop. Res. Soc. of USA, Canada, Europe and Japan, Abstr. #75 (2001).

A.W. Pearsall, J.A. Tucker, and R.B. Hester. Osteochondral Tissue Transfer: Cell Viability and Electron Microscopy Analysis. 4th Combined Mtg., Orthop. Res. Soc. USA, Canada, Europe and Japan, Abstr. #243 (2001).

A.L. Tropeano and A.W. Pearsall. Case Report: Quadriceps Tendon Avulsion in a Young Healthy Male. 50th Annu. Mtg., Ala. Orthop. Soc., Abstr. #28 (2001).

III. BOOKS PUBLISHED.

None.

IV. PRESENTATIONS.

F.N. Meyer. (1) Evaluation and Treatment of Athletic Hand and Wrist Injuries; and (2) Elbow. 1st Annu. Primary Care Sports Med. Orthop. Review With Workshops, Destin, FL (2001).

P. Nimityongskul. (1) Club Foot; and (2) Developmental Dysplasia of the Hip. Basic Concepts, Pediat. Orthop., New Orleans, LA (2000).

P. Nimityongskul. Cystinosis of Bone: A Case Report. Ala. Orthop. Soc., Point Clear, AL (2001).

P. Nimityongskul. (1) Ankle Sports Injuries: Adult and Pediatric Treatment Strategies; and (2) Hip: Physical Examination and Operative Treatment. 1st Annu. Primary Care Sports Med. Orthop. Review with Workshops, Destin, FL (2001).

A. W. Pearsall. The Biomechanical Properties of the Tibialis Anterior, Tibialis Posterior, and Peroneus Longus Tendons as Potential Graft Sources. Orthop. Res. Soc., San Francisco, CA (2001).

A.W. Pearsall. The Tibialis Anterior, Tibialis Posterior and Peroneus Longus as ACL Graft Sources: A Biomechanical Analysis. Arthrosc. Assoc. North Am., Seattle, WA (2001).

A.W. Pearsall. Instrumented Measurement of Ankle Joint Complex Laxity in Simulated Lateral Ankle Ligament Injury. 12th Annu. Southeast. Orthop. Foot Club Mtg., Point Clear, AL (2001).

A.W. Pearsall. (1) The Biomechanical Properties of the Tibialis Anterior, Tibialis Posterior and Peroneus Longus Tendons as Potential Graft Sources; and (2) Poster Presentation. Osteochondral Tissue Transfer: Cell Viability and Electron Microscopy Analysis. 4th Combined Mtg. Orthop. Res. Soc. of USA, Canada, Europe and Japan, Rhodes, Greece (2001).

A.W. Pearsall. (1) Cervical Spine: Injuries, Treatment and Return to Play; (2) Radiologic Diagnostic Tools; (3) Common Sports Knee Injuries and Management Options; (4) Applied Anatomy and Clinical Evaluation of the Shoulder; (5) Current Treatment Options for the Injured Athletic Shoulder; and (6) Care of the Arthritic Athlete. 1st Annu. Primary Care Sports Medicine Orthop. Review with Workshops, Destin, FL (2001).

M.D. Perry. Mechanics and Orthopaedics. Tulane University Biomedical Engineering Seminar, New Orleans, LA (2000).

V. NATIONAL PROFESSIONAL RECOGNITION.

A.W. Pearsall was honored as Life Member of the National Registry of Who's Who in Medicine. Edition No. 2, published in 2000-2001.

VI. BRIEF SUMMARY OF DEPARTMENT ACTIVITIES AND PROGRESS.

The Department of Orthopaedic Surgery continued to experience a decline in faculty members during the 2000-2001 year. In October, Dr. George Russell resigned to accept a position at the University of Mississippi Medical Center in Jackson. Dr. Viorel Raducan resigned in December and relocated to a private practice group in Chicago, Illinois. In April, 2001 Dr. Mark Perry also resigned to accept a position at the John Peter Smith Health Network Department of Orthopaedics in Fort Worth, Texas. This reduced the total full-time faculty number to two physicians, Dr. Prasit Nimityongskul and Dr. Albert Pearsall.

Dr. Nimit continued to serve as Interim Chairman for the department from October 2000 to June 2001. During this time, his leadership was instrumental in requesting assistance from members of the orthopaedic private practice physician groups in Mobile to help with call and attending in the operating room. All of these physicians were alumni from the Orthopaedic Surgery Residency Training Program at the University of South Alabama. This assistance was of great importance in aiding Dr. Nimit and Dr. Pearsall in the continued training requirements of the residency program.

The Orthopaedic Surgery Residency Program underwent a site visit conducted by the Accreditation Council for Graduate Medical Education Residency Review Committee. The site visit was held on June 7, 2001 and required extensive preparation and participation from the entire department.

The most exciting event of the year was the recruitment of a new Chairman for the department. Dr. Frederick N. Meyer joined the faculty on July 20, 2001, as Professor and Chairman. Dr. Meyer specializes in hand surgery and was formerly a faculty member in this department from 1982 until 1990. Under his leadership, the department expects to recruit additional faculty needed to fulfill the program requirements. Residents are looking forward to Dr. Meyer's leadership in his role as Program Director of the Orthopaedic Surgery Residency Training Program. Dr. Meyer's documented success and vast experience in teaching will serve to enhance our program and provide significant strength at every level of resident training. As a resident advocate, Dr. Meyer has expressed his continuing dedication and commitment to the development of well-trained, competent, compassionate, and skilled practitioners of orthopaedic surgery.

On May 3, 2001, the department sponsored the 12th Annual Southeastern Orthopaedic Foot Club Meeting held at the Grand Hotel in Point Clear, Alabama. This meeting was held the day preceding the 50th Annual Meeting of the Alabama Orthopaedic Society. Faculty members from the department participated as podium presenters at each of these meetings, and Dr. Prasit Nimityongskul served on the Program Committee for the Alabama Orthopaedic Society Meeting. S. Terry Canale, MD, immediate past president of the American Academy of Orthopaedic Surgeons, presented the Lewis D. Anderson Memorial Lecture at the Alabama Orthopaedic Society Meeting. USA Department of Orthopaedic Surgery Resident Anthony L. Tropeano, M.D., earned honors for excellence at the meeting by being awarded Second Place in the prestigious Chestley L. Yelton Resident Essay Competition.

Dr. Albert Pearsall, Director of the Section of Sports Medicine, in conjunction with Dr. Ron Lee, Department of Family Practice, organized the first annual Primary Care Sports Medicine Workshop with Review Meeting held August 16-18, 2001 in Destin, FL. This CME meeting focused on educating primary care physicians in improved methods for observation, treatment, and management of sports related injuries. The meeting was very successful and plans are for it to become an annual departmental event.