

CURRICULUM VITAE

Bruce T. Rougraff, M.D.

ADDRESS

Orthopaedics Indianapolis, P.C.
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Indianapolis, Indiana 46278
(317) 802-2000

EDUCATION

UNDERGRADUATE:

Indiana University, Bloomington, Indiana
1978 - 1982
A.B., Biology and Chemistry, Phi Beta Kappa

MEDICAL SCHOOL:

Indiana University Medical Center
1982 - 1986
Indianapolis, Indiana
Doctor of Medicine

RESIDENCY:

Indiana University Hospitals
July 1986 - June 1991
Orthopaedic Surgery

FELLOWSHIPS:

University of Chicago Hospitals
August 1991- July 1992
Orthopaedic Oncology
Michael A. Simon, M.D.

Rizzoli Institute, Bologna, Italy
August 1992-November 1992
Orthopaedic Oncology
Mario Campanacci, M.D.

NATIONAL BOARD EXAMINATIONS

NBME Part I - Passed 6/84
NBME Part II - Passed 9/85
NBME Part III - Passed 3/87

MEDICAL LICENSURE

Indiana: #01036087
1987 - Current

Illinois: #036-083026
1991 - 1996

**AMERICAN BOARD OF
ORTHOPAEDIC SURGERY**

Board Certified
Part I - Passed 7/19/91
Part II - Passed 7/11/95
Recertification: Passed 4/10/2002

EMPLOYMENT HISTORY

Assistant Professor of Orthopaedic Surgery and
Pathology
Indiana University Medical Center
12/92 - 7/98

Associate Professor of Orthopaedic Surgery and
Pathology
Indiana University Medical Center
7/98 - 3/31/99

Orthopaedic Surgeon
Orthopaedics Indianapolis
4/1/99 - Present

PUBLISHED ARTICLES

Rougraff, BT; Slama, T; Reeck, CC: *Mycobacterium Terraе*: Septic Arthritis and Osteomyelitis in a Normal Host. *Clin. Orthop. Rel. Res.* 238: 308-310, 1989.

Rougraff, BT; Heck, DA; Gibson, AE: A Comparison of Tricompartmental and Unicompartmental Knee Arthroplasty for the Treatment of Gonarthrosis. *Clin Orthop. Rel. Res.* 273: 157-164, 1991.

Rougraff, BT; Shelbourne, KD, Warner, J; Gerth, PK: Arthroscopic and Histologic Analysis of Patellar Tendon Autografts Used for Anterior Cruciate Ligament Reconstruction. *Am. J. Sports Med.* 21; 277-284, March 1993.

Heck, DA; Marmor, L; Gibson, A; Rougraff, BT: Unicompartmental Knee Replacement: A Multicenter Investigation with Long Term Follow-Up. *Clin. Orthop. Rel. Res.* 286: 154-159, 1993.

Picci, P; Rougraff, BT; Bacci, G; Neff, JR; Sangiori, L; Cazzola, A; Baldini, N; Ferrari, S; Mercuri, M; Ruggieri, P; Caldora, P; Benassi, MS; Fabbri, N; Monti, C; Campanacci, M: The Prognostic Significance of Histopathological Chemotherapeutic Response in the Treatment of Non-Metastatic Ewing's Sarcoma of the Extremities: The Istituto Rizzoli Experience. *J. Clin. Oncology:* 11: 1763-1769, 1993.

Rougraff, BT; Kneisl, JS; Simon, MA: Skeletal Metastases of Unknown Origin: A Prospective Evaluation of a Diagnostic Strategy. *J. Bone Joint Surg.* 75A:1276-1281, 1993.

Shin, K; Rougraff, BT; Simon, MA: Oncologic Outcomes of Primary Bone Sarcomas of the Pelvis. *Clinical Orthop. Rel, Res.*, 304:207-217, 1994.

Rougraff, BT; Simon, MA; Kneisl, JS; Greenberg, DB; Mankin, HJ: A Long Term Oncologic, Functional, and Quality of Life Study of Limb Salvage Versus Amputation for Osteosarcoma of the Distal Femur. *J. Bone Joint Surg.* 76A: 649-656, 1994.

Cohen, M; Rougraff, BT.; Faught, P.: Cystic Angiomatosis of Bone: MR Findings, *Pediatric Radiology* 24: 256-257, 1994.

Picci, P; Sangiorgi, L; Rougraff, BT; Neff, JR; Casadei, R; Campanacci, M: Relationship of Chemotherapy-Induced Necrosis and Surgical Margins to Local Recurrence in Osteosarcoma. *J Clin Oncol.* 12:2699-2705, 1994.

Rougraff, BT: Current Research in Orthopaedic Oncology. *Current Opinion in Orthopaedics.* 5: VI: 67-69, 1994.

Kiesler, TW; Kling, TF; Rougraff, BT: Unicameral Bone Cysts. *Current Opinion in Orthopaedics.* 5: VI: 75-81, 1994.

Grieten, M; Buckwalter, KA; Cardinal, E; Rougraff, BT: Case Report 873: Lipoma Arborescens. *Skeletal Radiology*, Vol. 23: No 8:652, 1994.

Rougraff, BT: Approach to the Patient with a Soft Tissue Mass. *Indiana Medicine*, Vol 88: 130- 134, 1994.

Rougraff, BT: Surgical Management of Osteosarcoma. *Curr Opin Orthop*, 6: 69-72, 1995.

Rougraff, BT; Reeck, CC; Essenmacher, JA: Complete Quadriceps Tendon Ruptures. *Orthopaedics*, 19: 509-514, June, 1996.

Rougraff, BT, Kernek, C: Traumatic Chopart Amputation in a Child. *Orthopaedics*, 19: 689- 691, August, 1996.

Rougraff, BT: Current Survival Rates After Treatment of Musculoskeletal Sarcomas, *Curr Opinion Orthop*, 7:69-70, Dec. 1996.

Lehman, DE, Rougraff, BT: Recent Advances in Bone Grafting, *Curr Opinion Orthop*, 7:71-74, Dec. 1996.

- Rougraff, BT: Local control of Pediatric Sarcomas of Bone, *APSA Cancer Newsletter*, PG: 7-9, 1997.
- Fife, RS; Rougraff, BT; Proctor, C: Inhibition of Proliferation and Induction of Apoptosis by Doxycycline in Cultured Human Osteosarcoma Cells. *J Lab Clin Med* 130: 530-4, Nov. 1997.
- Rougraff, BT: Musculoskeletal Tumors. *Curr Opin Orthop* 8; VI: 59-60, 1997.
- Kollias, S; Rougraff, BT: Tumors the Arthroscopist may Encounter. *Curr Opin Orthop* 8; VI: 71-78, 1997.
- Bidwell, J; McCabe, R; Rougraff, BT; Feister, H; Fey, E; Onyia, J; Holden, J; and Hock, J: Tissue Matrix Protein Expression in Human Osteoblasts, Osteosarcoma Tumors and Osteosarcoma Cell Lines. *Molecular Biology Reports*, 24:4; 271-282, 1997.
- Rougraff, BT; Durbin, M; Lawrence, J; Buckwalter, K: MRI Appearance of Lipomatous Tumors, *Sarcoma*: 1; 175-179, 1997.
- Rougraff, BT; Deters, M; Ivancevich, S: Surface-Based Hemangioma of Bone: Three Case Studies and a Review of the Literature. *Skeletal Radiology*, 27: 182-187, 1997.
- Sandler, A; Fox, S; Meyers, T; Rougraff, BT: Paclitaxel (Taxol) Plus Doxorubicin Plus Filgrastim in Advanced Sarcoma: A Phase II Study. *A J Oncol*: 21; 241-243, 1998.
- Rougraff, BT, Kayes, K: Diagnosis and Management of Osteochondroma and Multiple Hereditary Exostoses. *Curr Opinion Orthop*; 9:43-46, 1998.
- Wurtz, LD, Rougraff, BT: The Evaluation of Radiolucent Bone Tumors. *Curr Opinion Orthop*; 9:53-61, 1998.
- Ahmad, R, Mayol, B, Davis, M, Rougraff, BT: Extra-Skeletal Ewing's Sarcoma. *Cancer*, 85:725-31, 1999.
- Rougraff, BT: The Diagnosis and Management of Adult Extremity Soft Tissue Sarcoma. *Current Problems in Cancer*, vol. 23:1-52, Feb. 1999.
- Rougraff, BT, Shelbourne, KD: Early Histologic Appearance of Human Patellar Tendon Autografts used for Anterior Cruciate Ligament Reconstruction. *Knee Surgery Sports Traumatology Arthroscopy*, 7:9-14, 1999.

Sucato, DJ, Rougraff, BT McGrath, BE, et al: Ewing's Sarcoma of the Pelvis, Long-Term Survival and Functional Outcome. *Clin Orthop*, 373: 193-201, 2000.

Rougraff, BT: Indications for Operative Treatment, Symposium for the Management of Metastatic Disease. *Orthop Clin North Amer*, 31: 4, 567-576, 2000.

Les, KA; Nicholas, RW; Rougraff, BT; Wurtz, LD; Vogelzang, NJ; et al: Local Progression After Operative Treatment of Metastatic Kidney Cancer. *Clin Orthop* 390:206-211, 2001.

Rougraff, BT: Incidental Bone Lesions. Instructional Course Lectures, American Academy of Orthopaedic Surgeons, Editor: Beaty, JH, Vol 51:451-456, 2002.

Rougraff, BT; Sandler, A: Karnofsky Performance Score as a Predictor of Survival in Soft Tissue Sarcoma. *Clin Orthop* 397:196-203, 2002.

Rougraff, BT; Kling, TJ: Treatment of Active Unicameral Bone cysts with Percutaneous Injection of Demineralized Bone Matrix and Autogenous Bone Marrow. *J Bone Joint Surg*, 84-A: 921-929, 2002.

Damron, TA; Beauchamp, CP; Rougraff, BT; Ward, WG: Soft-Tissue Lumps and Bumps. *J Bone Joint Surg*, 85-A:1142-1155, 2003.

Rougraff BT: Evaluation of the Patient with Carcinoma of Unknown Origin Metastatic to Bone. *Clin Orthop*, 415S:S105-109, 2003.

Rougraff BT, Frassica FJ: Presentation and Staging of Metastatic Bone Disease. *Clin Orthop*, 415S:S129-131, 2003.

Damron TA, Beauchamp CP, Rougraff BT, and Ward WG: Soft-Tissue Lumps and Bumps. *AAOS Instructional Course Lectures*, Volume 53, 625-637, 2004.

Rougraff BT, Davis K, Cudahy T: The Impact of Previous Surgical Manipulation of Subcutaneous Sarcoma on Oncologic Outcome. *Clin Orthop*, 438:85-91, 2005.

Rougraff BT: Bone Graft Alternatives in the Treatment of Benign Bone Tumors. *AAOS Instructional Course Lectures* vol 54:505-512, 2005.

Holt GE, Thompson AB, Griffin AM, Bell R, Wunder J, Rougraff B, Schwartz HS: Multifocality and Multifocal Postradiation Sarcomas. *Clin Orthop*, 450:67-75, 2006.

Rougraff BT: Percutaneous bone grafting of benign bone tumors. *Curr Opin Orthop* 17:563-567, 2006.

Rissing S, Rougraff BT, Davis K: Indeterminate pulmonary nodules in patients with sarcoma affect survival. Clin Orthop, 459:181-121, 2007.

Rougraff BT, Davis K, Lawrence J: Does length of symptoms before diagnosis of sarcoma affect patient survival? Clin Orthop 462: 181-189, 2007.

Ward W, Rougraff BT, etal: Tumors masquerading as hematomas. Clin Orthop 465: 232-240, 2007.

Fulton DB, Lawrence JM, Rougraff BT: Freeze-Dried Bone Allografting of Skeletal Defects after Benign Bone Tumor Excision. Indiana Orthop Journal 2: 78-81, 2008.

Damron TA, Morris C, Rougraff BT, Tamurian R: Diagnosis and Treatment of Joint-Related Tumors that Mimic Sports-Related Injuries. AAOS Intructional Course Lectures, Vol 58: 833-847, 2009.

Rougraff BT, Aboulafia, A, Biermann JS, Healey JH: Biopsy of Soft Tissue Masses: evidence-based medicine for the musculoskeletal tumor society. Clin Orthop 467 (11): 2783-91, 2009.

Rougraff BT, Damer, B: Adriamycin-Impregnated Cement for the treatment of metastatic carcinoma of bone. Indiana Orthop Journal 3: 64-66, 2009.

Rougraff, BT: Advances in Orthopaedic Oncology for 2010. Indiana Orthop Journal 4: 91-94, 2010.

Rougraff BT, Lawrence J, Davis K: Length of symptoms prior to referral: Prognostic variable for high-grade soft tissue sarcomas? Clin Orthop 470: 706-11, 2012

MANUSCRIPTS ACCEPTED FOR PUBLICATION

RESEARCH SUBMITTED FOR PUBLICATION

BOOK CHAPTERS

Rougraff, BT: Evaluation of the Patient with Metastatic Carcinoma of Unknown Origin; in Surgery for Bone and Soft Tissue Tumors, editors Simon, MA and Springfield, D, Lippincott- Raven, New York, pp 621-624, 1998.

Rougraff, BT: Orthopaedic Knowledge Online: Subcutaneous Masses, 2005
Rougraff BT: Imaging of Musculoskeletal Lesions, OKU Musculoskeletal Tumors II, AAOS pages 23-30, 2007.

Rougraff BT: Evaluation of the Patient with Carcinoma of Unknown Origin Metastatic to Bone, OKU Musculoskeletal Tumors, 2006

PUBLISHED ABSTRACTS

Rougraff, BT; Heck, DA; Gibson, A: A Comparison of Tricompartmental and Unicompartmental Arthroplasty for the Treatment of Gonarthrosis. *Orthopaedic Transactions*, 15:833, 1991, and *Orthopaedic Transactions*, 16:117, 1992.

Shin, K; Rougraff, BT; Simon, MA: Oncologic Outcomes of Primary Bone Sarcomas of the Pelvis. *Orthopaedic Transactions.*, 17:568, 1994.

Rougraff, BT; Simon, MA; Kneisl, JS; Greenberg, DB; Mankin, HJ: A Long Term Oncologic, Functional, and Quality of Life Study of Limb Salvage Versus Amputation for Osteosarcoma of the Distal Femur. Proceedings of the 7th International Symposium on Limb Salvage, page 423, Singapore, 1993.

Rougraff, BT; Kling, T: Treatment of Active Unicameral Bone Cysts with Autogenous Bone Marrow and Demineralized Allogenic Bone Matrix, *Ortho Trans.*, 1995.

Durbin, M; Rougraff, BT; Lawrence, J: Histologic Correlation with Magnetic Resonance Imaging for Extremity Benign and Malignant Lipomatous Masses. *Ortho Trans.*, 1996.

Surtani, N; Rougraff, BT; Gibson, A: Progression of Arthrosis after Unicompartmental Arthroplasty. *Ortho Trans.*, 1996.

Rougraff, BT; Sizinski, J; Davis, M: Pediatric Pelvic Ewing's Sarcoma of Bone. *Ortho Trans.*, 1996.

Rougraff, BT: Ewing's Sarcoma of the Pelvis. *Ortho Trans*, 1997.

Rougraff, BT; Shelbourne, KD: Early Histologic Appearance of Human Patellar Tendon Autografts Used for ACL Reconstruction. *Ortho Trans*, 1997.

Rougraff, BT; Fulton, DB: Freeze-Dried Allografting for the Treatment of Skeletal Defects After Benign Tumor Excision. *Ortho Trans*, 1997.

Durbin, MD; Rougraff, BT: Deep Intramuscular and Intermuscular Lipomas. *Ortho Trans*, 1997.

Rougraff, BT; Lehman, D: Tumors of the Foot and Ankle. *Ortho Trans*, 1997.

Rougraff, BT; Lehman, D: Arthroscopic Ankle Synovectomy for Severe Hemophillic Synovitis. *Ortho Trans*, 1997.

Rougraff, BT; Feinberg, J: Does Patient Health Insurance Choice Affect the Referral Patterns with Musculoskeletal Tumors? *Ortho Trans*, 1997.

Ahmad, R; Rougraff, BT: Extraskkeletal Ewing's Sarcoma. *Ortho Trans*, 1998.

Rougraff, BT; Fulton, BT: Cat Scratch Disease Mimicking Sarcoma in the Upper Extremity. *Ortho Trans*, 1998.

Rougraff, BT; Ahmad, R: Extraskkeletal Ewing's Sarcoma. *Ortho Trans*, 1998.

Rougraff, BT; Kling, BT: Treatment of Active Unicameral Bone Cysts with Demineralized Bone Matrix and Autogenous Bone Marrow. *Ortho Trans*, 1999.

Les, K; Peabody, T; Rougraff, BT, Nicholas, R; Vogelsang, N; Simon, M: Skeletal Metastases from Renal Carcinoma: A Cause for Aggressive Intervention. *Ortho Trans*, 1999.

Rougraff, BT; Sandler A: Oncologic Outcome of Large, High-Grade Soft-Tissue Sarcoma. *Ortho Trans*, 2000.

Rougraff, BT: Oncologic Outcome and Histopathologic Correlation of Ewing's Sarcoma Treated with Chemotherapy, Resection and No Radiation. *Ortho Trans*, 2001.

Rougraff, BT: Outcome of Intercalary Bone Resection and Reconstruction for Diaphyseal Malignant Bone Tumors. *Ortho Trans*, 2002.

RESEARCH AWARDS AND GRANTS

Quadriceps Tendon Ruptures, Dallas Plemister Award for Best Resident Paper at the 1990 Mid- America Orthopaedic Association, \$1000.00.

Unicompartmental Knee Arthroplasty, Garceau-Wray Award for Best Resident Paper 1990, \$250.00.

Arthroscopic and Histologic Analysis of Human Patellar Tendon Autografts Used Anterior Cruciate Ligament Reconstruction, Dallas Plemister Award for Best Resident Award at the 1991 Mid-America Orthopaedics Association, \$1000.00.

The Use of Proton Emission Tomography to Predict the Biologic Response to Chemotherapy in Canine and Human Osteosarcoma. Indiana University Orthopaedic Research Fund, \$5,800.00.

Rougraff, BT; Fife, RS; Waters, D: Effect of Doxycycline on Growth and Metastasis of Osteosarcoma. Orthopaedic Research and Education Foundation, Two Year Grant for \$100,000.00.

Sigma Beta Sorority, \$25,000 for Study of Effectiveness of Gleevic in an Osteosarcoma Murine Model, Ongoing support.

Howmedica-Osteonics Grant \$25,000 for Research of Titanium foam implant, 2002-2003, Chief Investigator.

Ongoing Support: Indiana University Bone Cancer Research Fund, Orthopaedic Research Foundation

SCIENTIFIC PRESENTATIONS

Quadriceps Tendon Ruptures: Comparison of Surgical Repair Techniques. Presented at the AAOS, New Orleans, Louisiana, 1990.

Quadriceps Tendon Ruptures: Comparison of Surgical Repair Techniques. Presented at the Mid-America Orthopaedic Association, Point Clear, Alabama, 1990.

Unicompartmental Knee Arthroplasty. Presented at Garceau-Wray Lectureship, Indianapolis, Indiana, 1990.

Comparison of Tricompartmental and Unicompartmental Knee Arthroplasty for the Treatment of Gonarthrosis. Presented at the Knee Society Meeting, Anaheim, California, 1991.

Comparison of Tricompartmental and Unicompartmental Knee Arthroplasty for the Treatment of Gonarthrosis. Presented at the American Academy of Orthopaedic Surgeons, Anaheim, California, 1991.

Arthroscopic and Histologic Analysis of Patellar Tendon Autografts Used in ACL Reconstruction. Presented at the Trans-Pacific Combined Japanese-American Sports Medicine Meeting, Kauai, Hawaii, 1991.

Arthroscopic and Histologic Analysis of Patellar Tendon Autografts Used in ACL Reconstruction. Presented at Mid-America Orthopaedic Association, Palm Beach, California, 1991.

Long Term Oncologic and Functional Study of Limb Salvage Versus Amputation for Osteosarcoma of the Distal Femur. Presented at the Musculoskeletal Tumor society, Washington, D.C., 1992.

Long Term Oncologic and Functional Study of Limb Salvage Versus Amputation for Osteosarcoma of the Distal Femur. Presented at American Academy of Orthopaedic Surgeons, San Francisco, California, 1993.

Chemotherapy-Induced Necrosis and Surgical Margins: Their Relationship to Local Recurrence in Osteosarcoma. Presented at the American Academy of Orthopaedic Surgeons, New Orleans, March, 1994.

Chemotherapy-Induced Necrosis and Surgical Margins: Their Relationship to Local Recurrence in Osteosarcoma. Presented at the Mid- American Orthopaedic Association, Bermuda, May, 1994.

Haliloglu, M; Rougraff, BT; Heifetz, SA; Cohen, MD: Role of Imaging in the Evaluation of the Osteosarcoma and Ewing Sarcoma in children to Determine the Feasibility of Limb Salvage Surgery. RSNA, Chicago, IL, November, 1994.

Rougraff, BT; Kling, T: Treatment of Active Unicameral Bone Cysts with Autogenous Bone Marrow and Demineralized Allogenic Bone Matrix. Presented at the American Academy of Orthopaedic Surgeons, Orlando, FL, Feb 1995.

Rougraff, BT; Kling, T: Treatment of Active Unicameral Bone Cysts with Autogenous Bone Marrow and Demineralized Allogenic Bone Matrix. Presented at the Mid-America Orthopaedic Association, Palm Springs, CA, April, 1995.

Durbin, M; Rougraff, BT; Lawrence, J: Histologic Correlation with Magnetic Resonance Imaging for Extremity Benign and Malignant Lipomatous Masses, American Academy of Orthopaedic Surgeons, Atlanta, GA, Feb., 1996.

Surtani, N; Rougraff, BT; Gibson, A: Progression of Arthrosis after Unicompartamental Arthroplasty. Presented at the American Academy of Orthopaedic Surgeons, Atlanta, GA, Feb. 1996.

Rougraff, BT; Sizinski, J; Davis, M: Pediatric Pelvic Ewing's Sarcoma of Bone. Presented at the Mid-America Orthopaedic Association, San Antonio, TX, April, 1996.

Rougraff, BT; Ewing's Sarcoma of the Pelvis. Presented at the American Academy of Orthopaedic Surgeons, San Francisco, Ca, Feb, 1997.

Fulton, DB; Rougraff, BT: Freeze-Dried Allografting for the Treatment of Skeletal Defects After Benign Tumor Excision. Presented at the American Academy of Orthopaedic Surgeons, San Francisco, CA, Feb, 1997.

Rougraff, BT: Histology of ACL Grafts. Presented at the American Academy of Orthopaedic Surgeons, San Francisco, CA, Feb, 1997.

Rougraff, BT; Shelbourne, KD: Early Histologic Appearance of Human Patellar Tendon Autografts Used for ACL Reconstruction. Presented at Mid-America Orthopaedic Association, Hilton Head, SC, April, 1997.

Rougraff, BT; Fulton, DB: Freeze-Dried Allografting for the Treatment of Skeletal Defects After Benign Tumor Excision. Presented at Mid-America Orthopaedic Association, Hilton Head, SC, April, 1997.

Durbin, MB; Rougraff, BT: Deep Intramuscular and Intermuscular Lipomas. Presented at Mid- America Orthopaedic Association, Hilton Head, SC, April, 1997.

Rougraff, BT; Lehman, D: Tumors of the Foot and Ankle. Presented at Mid-America Orthopaedic Association, Hilton Head, SC, April, 1997.

Rougraff, BT; Lehman, D: Arthroscopic Ankle Synovectomy for Severe Hemophilic Synovitis. Presented at Mid-America Orthopaedic Association, Hilton Head, SC, April, 1997.

Rougraff, BT; Fineberg, J: Does Patient Health Insurance Choice Affect the Referral Patterns with Musculoskeletal Tumors? Presented at Mid-America Orthopaedic Association, Hilton Head, SC, April, 1997.

Fox, E; Meyers, S; Rougraff, BT; et al: A Phase II Study of Paclitaxel + Doxorubicin + Filgrastim in Advanced Sarcoma. ASCO Annual Meeting, Denver, CO, May 17-20, 1997.

Rougraff, BT, Fife, RS, Waters, D: Effect of Doxycycline on Growth and Metastasis of Osteosarcoma. Denver Meeting, 1999 and published: Fife, RS, Rougraff, BT, Proctor, C: Inhibition of Proliferation and Induction of Apoptosis by Doxycycline in Cultured Human Osteosarcoma Cells. *J Lab Clin Med* 130: 530-4, Nov 1997.

Ahmad, R; Rougraff, BT: Extraskelatal Ewing's Sarcoma. Presented at Mid-America Orthopaedic Association , Acapulco, Mexico, April, 1998.

Rougraff, BT; Fulton, BT: Cat Scratch Disease Mimicking Sarcoma in the Upper Extremity. Presented at the Mid-America Orthopaedic Association, Acapulco, Mexico, April, 1998.

Rougraff, BT; Ahmad, R: Extraskelatal Ewing's Sarcoma. Presented at the combined meeting of the American and European Musculoskeletal Tumor Societies, Washington, DC, May 6-10, 1998.

Rougraff, BT; Kling, BT: Treatment of Active Unicameral Bone Cysts with Demineralized Bone Matrix and Autogenous Bone Marrow. Presented at the Combined meeting of the American and European Musculoskeletal Tumor Societies, Washington, DC, May 6-10, 1998.

Rougraff, BT; Kling, BT: Treatment of Active Unicameral Bone Cysts with Demineralized Bone Matrix and Autogenous Bone Marrow. Presented at the Musculoskeletal Specialty Day, American Academy of Orthopaedic Surgeons, Anaheim, CA, Feb. 8, 1999.

Les, K; Peabody, T; Rougraff, BT, Nicholas, R; Vogelsang, N; Simon, M: Skeletal Metastases from Renal Carcinoma: A Cause for Aggressive Intervention. Presented at the Combined Meeting of the American and European Musculoskeletal Tumor Societies, Washington, DC, May 6-10, 1998.

Les, K; Peabody, T; Rougraff, BT, Nicholas, R; Vogelsang, N; Simon, M: Skeletal Metastases from Renal Carcinoma: A Cause for Aggressive Intervention. Presented at AAOS, Anaheim, CA, Feb. 7, 1999.

Ahmad, R; Rougraff, BT: Extraskelatal Ewing's Sarcoma. Presented at the Combined meeting of the American and European Musculoskeletal Tumor Societies, Washington, DC, May 6-10, 1998 published as: Ahmad, R, Mayol, B, Davis, M, Rougraff, BT: Extra-Skeletal Ewing's Sarcoma. *Cancer*, 85: 725-31, 1999.

Rougraff, BT; Sandler A: Oncologic Outcome of Large, High-Grade Soft-Tissue Sarcoma. Presented at the American Academy of Orthopaedic Surgeons, 3/15/2000, Orlando, FL.

Rougraff, BT; Sandler A: Oncologic Outcome of Large, High-Grade Soft-Tissue Sarcoma. Presented at the Musculoskeletal Tumor Society, Gainesville, FL May 12, 2000.

Rougraff, BT: Evaluation and Treatment of Incidental Bone Lesions. Instructional Course Lecturer, American Academy of Orthopaedic Surgeons, San Francisco, CA, March 1, 2001.

Rougraff, BT: Soft Tissue Lumps and Bumps Instructional Course Lecturer, American Academy of Orthopaedic Surgeons, San Francisco, CA, March 2, 2001.

Rougraff, BT: Oncologic Outcome and Histopathologic Correlation of Ewing's Sarcoma Treated with Chemotherapy, Resection and No Radiation. Musculoskeletal Tumor Society, Baltimore, MD, May 10-12, 2001.

Rougraff BT: Beyond Bone Grafting: Treatment of Benign Bone Tumors. Instructional Course Lecturer American Academy of Orthopaedic Surgeons. Dallas, TX, Feb 13-17, 2002.

Rougraff, BT: Outcome of Intercalary Bone Resection and Reconstruction for Diaphyseal Malignant Bone Tumors. Musculoskeletal Tumor Society, Toronto, Canada, April 25-27, 2002.

Rougraff BT: Beyond Bone Grafting: Percutaneous Grafting of Benign Bone Tumors. Instructional Course Lecturer American Academy of Orthopaedic Surgeons. New Orleans, LA, February 6, 2003.

Rougraff BT: Surgical Management of Soft Tissue Sarcomas. Instructional Course Lecturer American Academy of Orthopaedic Surgeons. New Orleans, LA, February 6, 2003.

Rougraff, BT, Davis K, Cudahy T: The Impact of Previous Surgical Manipulation of Subcutaneous Sarcoma on Oncologic Outcome. MSTs Long Beach, CA Clin Op, 438:85-91, 2005.

Rougraff, BT: Symposium AAOS, Chicago, IL, 2006: Controversies in Orthopaedic Oncology: Issues for the Practicing Orthopedist.

Rougraff BT, Davis K, Lawrence, J: Does delay in diagnosis affect sarcoma diagnosis affect sarcoma outcome? Poster 531 AAOS Chicago, IL, March 22-26, 2006.

Rissing, S, Rougraff, BT, Davis, K: Indeterminate pulmonary nodules in patients with sarcoma affect survival. MSTs, Key West, FL, June 8-10, 2006 and published: Clin Orthop, 459: 118-121, 2007.

Rougraff, BT: Difficult case presentations, MSTs Specialty Day Program, February 28, 2009.

Rougraff, BT: Surgical Margins in High Grade Soft Tissue Sarcoma, AAOS, Chicago, IL, February 28, 2010, MSTs, Philadelphia, PA, October 1, 2010 and accepted for publication CORR, 2011.

Rougraff, BT: Margins in Sarcomas: More is Better, MSTs Specialty Day, AAOS, February 19, 2011.

Rougraff, BT: Adriamycin-Impregnated Cement for Contained Metastatic Lesions of Bone, MSTS, Chicago, IL, October 28, 2011.

INVITED GUEST LECTURESHIPS

Rougraff, BT: The Percutaneous Treatment of Unicameral Bone Cysts with Autologous Bone Marrow and Demineralized Bone Matrix. Loma Linda Department of Orthopaedic Surgery Alumni Meeting, Loma Linda, CA, April, 1995.

University of Cincinnati Grand Rounds: Diagnosis and Treatment of Soft Tissue Sarcomas. Cincinnati, OH April 2002.

Rougraff, BT: The patient with a Solitary Bone Lesion: Clinical and Radiographic Staging and Results. Association of Bone and Joint Surgeons Workshop on Metastatic Disease, Nov 7-10, 2002, Tampa Florida.

SERVICE

Children's Cancer Study Group
Local Control Committee, 1995 - 2000

American Academy of Orthopaedic Surgeons: Instructional Course Lecturer
AAOS, 1997 Histology of ACL grafts
AAOS, 2001 – 2005, Diagnosis and Treatment of Soft Tissue Masses
AAOS, 2001, Diagnosis and Treatment of Incidental Bone Lesions
AAOS, 2002 – 2006, Percutaneous Bone Grafting Procedures
OITE Evaluation Committee, 2005-present
Evidence-Based Practice and Guidelines and Technology Oversight Committee, 2008-present.

Musculoskeletal Tumor Society (International):
Nominating Committee Member,
 May 2000, Gainesville, FL
 May 2005, Nashville, TN
OKU Committee Member, 1999 - 2006
Research Committee Member, 1999 – 2005
Secretary, 2007-2008
Executive Committee Member, 2007-2008
EBM Sub-Committee Chairman, 2007-present.
Education Committee Member, 2005-2010
Specialty Day Vice Chairman, 2008
Specialty Day Chairman, 2009

Orthopaedics Indianapolis, PC

Board Member, 2001- Present

Executive Committee member Orthopaedics Indianapolis, 2002- Present

Hospital Planning Committee member Orthopaedics Indianapolis, 2002- 2004

St Vincent Hospital

Vice Chairman, Department of Orthopaedic Surgery, St Vincent Hospital, 2001-2003.

Chairman, Department of Orthopaedic Surgery, St Vincent Hospital, Jan 2004-2008.

Orthopaedic Research Foundation (Local)

Board Member, 1999-present

President, 2002-2007

Orthopaedic Research and Education Fund (International)

Resident Research Grant Reviewer, 2003-2007

Society Memberships

American Medical Association (National)

Indiana State Medical Association (State)

Indiana Orthopaedic Society (State)

Connective Tissue Society (International)

Children's Cancer Group (National)

Musculoskeletal Tumor Society (International)

American Academy of Orthopaedic Surgeons (National)

Mid-America Association (Regional)

Clinical Orthopaedic Society (International)