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Curriculum Vitae**Bruce A. Kraemer, M.D.****Personal Information**

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Current Position

Associate Professor Department of Surgery Chief- Division of Plastic Surgery	04/05-pres
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Education

Postgraduate training:

Residency- Plastic Surgery Division of Plastic & Reconstructive Surgery Washington University School of Medicine St. Louis, MO	07/84-12/86
Residency- General Surgery Department of General Surgery University of Texas Medical School Houston, TX	07/79-06/84
Medical Training Washington University School of Medicine St. Louis, Missouri	09/75-06/79

Undergraduate Training B.S. in Zoology University of Tulsa Tulsa, Oklahoma	09/72-05/75
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Previous Professional Experience

Private Practice St. Louis, Missouri	06/03-04/05
Associate Professor, Division of Plastic & Reconstructive Surgery Washington University School of Medicine, St. Louis, MO	01/97-06/03
Assistant Professor, Division of Plastic & Reconstructive Surgery Washington University School of Medicine, St. Louis, MO	07/89-12/96
Instructor, Division of Plastic & Reconstructive Surgery Washington University School of Medicine, St. Louis, MO	01/87-06/89

Clinical Staff Appointments

V.A. St. Louis Health Care System	12/11-pres
SSM-Saint Mary's Medical Center	10/07-pres
Kindred Hospital	05/09-03/11
Associate Professor St. Louis University Saint Louis University Medical Center Cardinal Glennon Children's Hospital	04/05-pres
Barnes-Jewish West County Hospital	01/90-06/03
Barnes-Jewish Hospital	01/86-06/03
St. Louis Children's Hospital	01/86-06/03
St. Louis Regional Medical Center	01/86-05/97

Board Certification and Licensure

Medical Licensure Missouri	07/84
Diplomat, American Board of Surgery	03/85
Diplomat, American Board of Plastic & Reconstructive Surgery	11/89

Certificate of Added Qualification Surgery of the Hand	09/90
American Board of Plastic and Reconstructive Surgery Recertification Examination, Surgery of the Hand	08/98
Recertification Examination, Surgery of the Hand	09/09

Professional Society Memberships

National	
American College of Surgeons	10/92
American Association of Plastic Surgeons	05/98
American Medical Association	01/86
Regional	
Missouri State Medical Association	01/86
St. Louis Metropolitan Medical Society	01/86
St. Louis Metropolitan Plastic Surgery Society	01/86

Honorary Societies, Honors and Awards

St. Louis Surgical Society	05/85
Fundamental Forum Resident Paper Competition, 3 rd Prize Limb Allografts Using Cyclosporine Immunosuppression	
President, Housestaff Association	07/82-06/84
University of Texas Medical School, Houston, Texas	
Lange Medical Publications Book Award	06/76
Washington University School of Medicine	
Tulsa County Medical Society Scholarship	05/75-05/77

Professional Services

St. Louis University Hospital	
Operating Room Committee	10/10-04/13
Operating Room Improvement Committee	07/13-pres
Director of Wound Care Center	07/95-06/03
Barnes-Jewish Hospital	
Ad Hoc Reviewer	10/11
Computer Aided Surgery	

Current and Past Teaching Responsibilities

Courses and Lectures

Topical Wound Care Using Biologic Agents	10/12
The Devastated Hand	03/11
Compressive Neuropathies of the Upper Extremity	01/11
Wound Healing Basic Sciences Lecture	08/10
Wrist Trauma	07/10
Introduction to the Midface	05/09
Management of Mandibular Trauma	05/09
Mandible Anatomy and Biomechanics	05/09
The Orbit- Anatomy & Trauma	04/09
Wound VAC Theory & Practice	03/09
Silver Dressings	02/09
Thumb Conference-Trauma & Reconstruction	02/08
The Painful Wrist	07/07
Evaluation of the Injured Wrist	05/07
Evaluation of the Injured Hand	05/07
Common Problems of the Aged Hand	08/06
Commonly Used Free Flaps	02/06
Wound Dressings- How & Why They Work	05/05

Yearly Teaching Conference

AIMS Lecture	06/09, 06/10, 06/11
Surgery Capstone Lecture	06/09, 06/10, 06/11, 06/12

Monthly Teaching Conferences

Plastic Surgery Morbidity & Mortality Conference 04/11-pres

Weekly Teaching Conferences

Tuesday AM Plastic Surgery Teaching Conference- Varied Topics 04/11-pres

Wednesday AM Plastic Surgery Grand Rounds 04/11-pres

Research Support

1. HGS Pharmaceutical Company Research Grant- Project Title: HGSKGF-2-WH04- A Randomized, Double-Blind, Parallel-Group, Placebo Controlled, Multicenter Study to Evaluate the Efficacy and Safety of Repifermin (KGF-2) in Subjects with Venous Ulcers
Clinical Trial Participant 05/01
2. Convatec Pharmaceutical Company Research Grant- Project Title: A Phase III Prospective, Randomized, Stratified, Comparative Study of Next Generation Cover Dressing Versus Two Competitive Foam Dressings in the Management of Venous Leg Ulcers
Clinical Trial Participant 02/01
3. Advanced Tissue Sciences, Inc., Research Grant - Project Title: Prospective, Multicenter, Randomized, Single Masked, Controlled, Clinical Investigation of Dermagraft in Patients with Plantar Diabetic Foot Ulcers
Clinical Trial Participant 09/99
4. Advanced Tissue Science, Inc., Research Grant- Project Title: Double Blind, Placebo-Controlled, Parallel Group, Randomized Study to Evaluate the Effect of Dermagraft in Patients with Plantar Ulcers
Clinical Trial Participant 10/98
4. RW Johnson Research Grant- Project Title: Double-Blind, Placebo-Controlled, Parallel Group, Randomized Study Evaluating the Effect of Regranex Gel Versus Placebo Gel in the Treatment of Full-Thickness Pressure Ulcers
Clinical Trial Participant 02/97
5. Ciba-Geigy Research Grant- Project Title: Double-Blind, Randomized, Parallel Group, Placebo-Controlled, Multiple-Dose, Multicenter Trial to Assess the Efficacy, Safety, Tolerability, and Pharmacokinetics of CGP 46614 in Patients with Chronic Pressure Ulcers Using Daily Topical Application for 16 Weeks with 3 Month Follow-Up Period
Clinical Trial Participant 07/97
6. Daiichi Pharmaceutical Research Grant-Project Title: Multi-Center, Evaluator-Blind, Three-Arm Study of the Safety and Efficacy of Bucladesine Sodium Ointment (DT-5621) in the Treatment of Stage III Pressure Ulcers in Patients with Spinal Cord Injuries
Clinical Trial Participant 09/96

7. Pharmaco LSR Research Grant- Project Title: Double-Blind, Placebo-Controlled, Dose-Response Study to Evaluate the Safety and Efficacy of Topically Applied *E Coli*-derived rPDGF-BB in the Treatment of Venous Stasis Ulcers
Clinical Trial Participant 02/94
8. Amgen Research Grant- Project Title: Double-Blind, Placebo-Controlled, Dose-Response Study to Evaluate the Safety and Efficacy of Topically Applied *E Coli*-derived rPDGF-BB in the Treatment of Grade III and IV Pressure Ulcers
Clinical Trial Participant 06/92
9. Telios Pharmaceutical Research Grant- Project Title: Randomized Multi-Center Trial Comparing the Safety and Efficacy of Standard Therapy plus Telio-Derm with Standard Therapy Plus Saline Control in Patients with Ulcers Resulting from Venous Disease (1L90-001)
Clinical Trial Participant 03/92
10. Biomedical Research Grant- Project Title: Evaluation of Conduit Matrix Modifications and Neurotrophin in a Semipermeable Nerve Conduit
\$5,000 08/88
11. American Association of Plastic Surgeons Research Grant- Project Title: Secondary Wound Healing of Flexor Tendons with Emphasis on Digital - Flexion and Tensile Strength
\$2,500 11/85
12. American Association of Plastic Surgeons Research Grant- Project Title: Limb Allotransplantation in Rodents with the Use of Cyclosporine - Evaluation of Functional Results
\$2,500 05/85

Bibliography

Peer-reviewed articles:

1. Kraemer BA. The use of Isoxsuprine to increase survival of skin flaps. *Plast Reconstr Surg*. 1979 Oct;64(4):552-3. 10/79
2. Smith G, Kraemer BA, Wray RC, Weeks PM, Young VL. Pharmacologic enhancement of skin island flap survival. *Surg Forum*. 1980;35:562. 10/80
3. Kraemer BA, Marsh JL, Gado M, Pin PG. Diagnostic imaging for vascular tumors of the head and neck. *Plast Surg Forum*. 1986;9:223-225. 10/86
4. Kraemer BA, Young VL, Grasse P, Weeks PM. Characteristics and management of flexor tendon graft disruption. *Br J Plast Surg*. 1987 May;40(3):258-263. 05/87
5. Korber KE, Kraemer BA, Weeks PM. The mouse as a model in experimental microsurgery. *Microsurgery*. 1988;9:57. 01/88
6. Korber KE, Kraemer BA. Heterotopic renal transplantation in the rat: an advanced microsurgical training exercise. *Microsurgery*. 1988;9(2):286-291. 09/88
7. Kraemer BA, Korber KE, Aquino TI, Engleman A. Use of leeches in plastic and reconstructive surgery: A review. *J Reconstr Microsurg*. 1988 Oct;4(5):381-386. 10/88
8. Young VL, Pin PG, Kraemer BA, Gould RB, Numergut L, Pellowski M. Fluctuation in grip and pinch strength among normal subjects. *J Hand Surg Am*. 1989 Jan;14(1):125-129. 01/89
9. Korber KE, Kraemer BA. Use of small-caliber polytetrafluoroethylene (Gore-Tex) grafts in microsurgical training. *Microsurgery*. 1989;10(2):113-5. 05/89
10. Gumucio CA, Bennie M, Fernando B, Young VL, Roa N, Kraemer BA. Plasma lidocaine levels during augmentation mammoplasty and suction-assisted lipectomy. *Plast Reconstr Surg*. 1989 Oct;84(4):624-7. 10/89
11. Gumucio CA, Fernando B, Young VL, Gilula LA, Kraemer BA. Management of scaphoid fractures: A review and update. *South Med J*. 1989 Nov;82(11):1377-88. 11/89
12. Smith DK, Baker KS, Gilula LA, Kraemer BA, Manske PR, Strecker WB, Weeks PM, Young VL. Radiographic features of hand and wrist arthroplasties. *Eur J Radiol*. 1990 Jan-Feb;10(1):3-8. 02/90
13. Smith DK, Baker KS, Gilula LA, Kraemer BA, Manske PR, Strecker WB, Weeks PM, Young VL. Radiographic features of hand and wrist surgery excluding arthroplasties. *Eur J Radiol*. 1990 Mar-Apr;10(2):85-91. 03/90

14. Young VL, Talley AR, Pin PG, Trick GL, Becker W, Logan SE, Kraemer BA. The relationship of retrobulbar hematomas to vision in cynomolgus monkeys. *Plast Reconstr Surg*. 1990 May;85(5):698-703. 05/90
15. Korber KE, Kraemer BA, Li Z. Angled side wall microarteriotomy scissors: a new end-to-side microvascular anastomosis instrument. *Microsurgery*. 1990;11(3):217-9. 05/90
16. Kraemer BA, Young VL, Artken C. Stenosing flexor tenosynovitis. *South Med J*. 1990 July;83(7):806-11. 07/90
17. Kraemer BA, Fremling M. Dermatofibrosarcoma protuberans of the toe. *Ann Plast Surg*. 1990 Oct;25(4):295-8. 10/90
18. Korber KE, Kraemer BA. Arteriotomy scissors (letter, comment). *Plast Reconstr Surg*. 1992 Dec;90(6):1122. 12/92
19. Zamora RL, Kraemer BA, Erlich PH, Groner JP. Presence of growth factors in palmar and plantar fibromatosis. *J Hand Surg*. 1994 May;19(3):435-441. 05/94
20. Ferguson EW, Koudsi B, Miller GA, Merkel KD, Wun TC, Xu F, Kraemer BA. Tissue factor pathway inhibitor enhancement of skeletal muscle viability following ischemia. *Surg Forum*. 1995;46:728-730. 10/95
21. Kraemer BA, Yu C, Ornberg RL, Wun TC, Koudsi B. The effect of tissue factor pathway inhibitor (IFPI) on tissue ischemia and reperfusion in a rabbit ear model. *Surg Forum*. 1995;46:738-740 10/95
22. Koudsi B, Ferguson EW, Yu CD, Xu F, Miller GA, Merkel KD, Wun T-C, Kraemer BA. The effect of tissue factor pathway inhibitor (IFPI) on tissue ischemia and reperfusion in a rabbit ear model. *Plast Surg Forum*. 1995;18:238. 10/95
23. Koudsi B, Yu CD, Ferguson EW, Miller GA, Merke KD, Wun TC, Kraemer BA. Prevention of spinal cord injury following transient aortic clamping using tissue factor pathway inhibitor (IFPI). *Surgery*. 1996 Mar;119(3):269-274. 03/96
24. Koudsi B, Chatman DM, Ballinger BA, Ferguson EW, Kraemer BA, Miller GA, Wun TC, Farr G, Money SR. Tissue factor pathway inhibitor protects the ischemic spinal cord. *J Surg Res*. 1996 Jun;63(1):174-8. 06/96

Book Chapters

1. Kraemer BA, Korber KE. Use of Leeches in Plastic Surgery. In: Marsh JL, ed. *Current Therapy in Plastic and Reconstructive Surgery*. Burlington, Ontario: B. C. Decker; 1989:229-231. 10/89

2. Kraemer BA, Gilula LA. Anatomy Affecting the Metacarpal and Phalangeal Bones. In: Gilula LA. *The Traumatized Hand and Wrist: Radiographic and Anatomic Correlation*. Philadelphia, PA: W. B. Saunders Company; 1992:65-104. 07/92
3. Kraemer BA, Gilula LA. Phalangeal Fractures and Dislocations. In: Gilula LA, ed. *The Traumatized Hand and Wrist: Radiographic and Anatomic Correlation*. Philadelphia, PA: W. B. Saunders Company; 1992:105-170. 07/92
4. Kraemer BA, Gilula LA. Metacarpal Fractures and Dislocations. In: Gilula LA, ed. *The Traumatized Hand and Wrist: Radiographic and Anatomic Correlation*. Philadelphia, PA: W. B. Saunders Company; 1992:171-220. 07/92
5. Kraemer BA. Lower Extremity: Trauma. In: Marsh JL, ed. *Decision Making in Plastic Surgery*. St. Louis, MO: Mosby Year Book; 1993:206-217. 03/93
6. Kraemer BA. Lower Extremity: Resurfacing. In: Marsh JL, ed. *Decision Making in Plastic Surgery*. St. Louis, MO: Mosby Year Book; 1993:218-235. 03/93
7. Kraemer BA. Lower Extremity: Other Conditions. In: Marsh JL, ed. *Decision Making in Plastic Surgery*. St. Louis, MO: Mosby Year Book; 1993:236-241. 03/93
8. Monafo WW, Kraemer BA. The Patient Post-Skin Grafting. In: Herr RD, Cydulka RK, eds. *Emergency Care of the Compromised Patient*. Philadelphia, PA: B. Lippincott; 1994:618-624. 08/94
9. Kraemer BA, Gilula LA. Anatomy Affecting the Metacarpal and Phalangeal Bones of the Hand. In: Gilula LA, Yin Y, eds. *Imaging of the Wrist and Hand*. Philadelphia, PA: W. B. Saunders Company; 1996:55-92. 10/96
10. Kraemer BA, Groth G, Guccione J, Paynter P, Phillips E, Sopp B, Wult MR, Walker E, Mantz K. Therapy Considerations Following Acute Hand Injuries. In: Martin D, Collins ED, eds. *Manual of Acute Hand Injuries*. St. Louis, MO: Mosby Year Book; 1998:604-649. 07/98
11. Wiersema-Bryant LA, Kraemer BA. Running an Outpatient Wound Clinic. In: Krasner DL, Rodeheaver GT, Sibbold RG, eds. *Chronic Wound Care: A Clinical Source Book for Healthcare Professionals*. Wayne, PA: HMP Communications; 2001:175-183. 02/01
12. McClean S, Kraemer BA. Wound Healing and Care. In: Doherty GM, Lowney JK, Mason IE, Reznik SI, Smith MA, eds. *The Washington Manual of Surgery*, 3rd ed. Philadelphia, PA: Lippincott Williams & Wilkins; 2002:164-183. 04/02

Platform Presentations at National Meeting

1. Franco J, Nykiel M, Pollack J, Bernstein M, Davies L, Kraemer B: The Ideal Upper Extremity Flap for Soft Tissue Defects: Radial Artery Perforator Adipofascial Flap, Presented at ASPS Meeting, Denver 10/11

2. Kraemer BA, Marsh JL. The Fate of The Maxilla in Bilateral Complete Cleft Lip/Palate. Presented at the American Association of Plastic Surgeons- 65th Annual Meeting, Washington, D.C. 05/86
3. Kraemer B, Gilula L, Weeks PM: STT Fusion in the Management of Chronic Rotary Subluxation of the Scaphoid. Presented at the 42nd Annual Meeting of the American Society for Surgery of the Hand. San Antonio 10/87

Supplemental Material

Webinar- Assessment of Chronic Wounds & Pressure Ulcers St. Louis University School of Medicine	09/11
Wound Dressings- How & Why They Work SLU Department of OB/GYN Grand Rounds St. Mary's Medical Center- St. Louis	02/11
Topical Wound Care Management Washington University School of Medicine Plastic Surgery Grand Rounds	04/08
Wound Healing Basic Sciences Lecture SLU Department of General Surgery Grand Rounds	03/08
Topical Care of Lower Extremity Wounds Musculoskeletal Trauma Society Snowmass, Colorado	06/98
Wound Care Clinics: State of the Art Advanced Wound Care Symposium Post-Conference Workshop Miami Florida	04/93
Management of the Ischemic Hand Missouri College of Surgeons Spring Meeting Lodge of the Four Season, Lake of the Ozarks	05/91
The Painful Wrist Workshop ASPRS Annual Meetings	10/90, 10/91, 10/92
St. Louis City Department of Health and Hospitals EMS Inservice Lectures	09/89-10/89

Community Service/Civic Activities

Trinity Presbyterian Church
University City, Missouri

Church & Community Committee	04/94-12/98
Member of Session	01/96-12/98

Doorways Interfaith AIDS Housing and Services	
St. Louis, Missouri	
Member- Board of Directors	06/09-pres
Chairman- Development Committee	08/13-pres

Consulting

Integra Life Sciences	05/11
Kinetic Concepts, Inc. (KCI)	10/08
Smith & Nephew Wound Care	07/06
Wound Fast/Phytofarm	04/03
Johnson & Johnson	01/03
Convatec	05/02
Calgon Vestal	05/00