

# CURRICULUM VITAE

**Kai J Yang, MD**

## EDUCATION

2006 - 2010                      B.S., Human Biology Minor: Psychology, University of California, San Diego  
2010 - 2014                      MD, Medical, Medical College of Wisconsin

## POST DEGREE TRAINING

6/2014 - 6/2020                Resident, Integrated Plastic Surgery Residency, Medical College of Wisconsin Affiliated Hospitals  
7/2019 - 6/2020                Chief Resident, Plastic Surgery, Medical College of Wisconsin Affiliated Hospital  
8/2020 - 8/2021                Fellow, Combined Plastic and Orthopaedic Hand Surgery Fellowship, Oregon Health and Science University

## ACADEMIC APPOINTMENTS

2021 - Present                    Assistant Professor, Plastic & Reconstructive Surgery, The University of Nebraska Medical Center, Omaha, NE

## CERTIFICATIONS AND LICENSES

2020                                Residency Medical College of Wisconsin Affiliated Hospitals, Inc.  
2021                                Fellowship, Plastic Surgery/Hand, OHSU  
2014 - Present                    MD The Medical College of Wisconsin  
2022 - Present                    American Board of Plastic Surgery 10269  
2015 - 2021                      Physician, Wisconsin 64363-20  
2021 - 2021                      Physician, Oregon MD198866  
2021 - 2022                      Physician, Nebraska 33378

## GRANTS AND CONTRACT SUPPORT

## OTHER APPOINTMENTS AND POSITIONS

2021 - Present                    Graduate Faculty, Graduate College, UNMC, Omaha, NE,

## HONORS AND AWARDS

### INTERNATIONAL

2007-2010                      Golden Key International Honor Society

### LOCAL

2007-2009                      Provost's Honor, six-time recipient, University of California  
2010                                Department of Biology Outstanding Achievement Award, University of California

2011	MCW Alumni Golf Classic Scholarship Award, Medical College of Wisconsin
2014	The Brooker's Award in Pharmacology, Medical College of Wisconsin
2017-2019	MCW Department of Orthopaedic Surgery Research Grant, Medical College of Wisconsin
2019	Dr. Elaine Kohler Global Health Elective Scholarship, Medical College of Wisconsin Affiliated Hospitals

### **NATIONAL**

2008-2010	Phi Sigma Theta National Honor Society
2013	Alpha Omega Alpha Medical Honor Society
2020	ASSH/AFSH Annual Meeting Scholarship, ASSH/AFSH

### **COMMITTEE ASSIGNMENTS**

#### **UNMC**

2021 - Present	Member, PhD Dissertation Committee, University of Nebraska Medical Center
----------------	---

### **PRESENTATIONS**

1. Yang KJ; Hoffman RG; Dasgupta M; Mussatto K; Brosig C. "Psychological functioning and quality of life in children with congenital heart disease". MCW Research Conference; 2012
2. Yang KJ; Hoffman RG; Dasgupta M; Mussatto K; Brosig C. "Psychological functioning and quality of life in children with congenital heart disease". Midwest Cardiology Conference; 2013
3. Yang KJ; Hoffman RG; Dasgupta M; Mussatto K; Brosig C. "Psychological functioning and quality of life in children with congenital heart disease". Midwest Regional Conference in Pediatric Psychology; 2013
4. Yang KJ. "Hand fractures and dislocations". Medical College of Wisconsin Grand Rounds; 2016. Milwaukee, WI
5. Yang KJ. "Ancillary procedures in breast reconstruction". Medical College of Wisconsin Grand Rounds; 2017. Milwaukee, WI
6. Yang KJ; Yan JG; Matloub H; Havlik R. "Pre-required condition of Schwann cell proliferation in the injured nerves". American Association for Hand Surgery meeting; 2017
7. Yang KJ. "Extensor tendons". Medical College of Wisconsin Hand Conference; 2017. Milwaukee, WI
8. Yang KJ. "Necrotizing soft tissue infections". Medical College of Wisconsin Grand Rounds; 2017. Milwaukee, WI
9. Yang KJ; Rivedal D; Boehm L; Yan JG; Sanger J; Matloub H. "Distally based flexor carpi ulnaris muscle flap: an anatomical study and clinical application". Wisconsin Society of Plastic Surgery; 2018. Kimberly, WI
10. Yang KJ. "Mandible fractures". Medical College of Wisconsin Grand Rounds; 2018. Milwaukee, WI
11. Yang KJ; Boehm L; Rivedal D; Yan JG; Matloub H. "Vascularized olecranon bone graft: an anatomical study and novel technique". American Association for Hand Surgery meeting; 2019. Palm Desert, CA
12. Graf A; Yang KJ; Kim N; Matloub H; Sanger J. "Salvage of failed ligament reconstruction and tendon interposition with suture button suspensionplasty for basilar joint arthritis". American Association for Hand Surgery meeting; 2019. Palm Desert, CA
13. Yang KJ. "Targeted muscle reinnervation and bioprosthetics". Medical College of Wisconsin Grand Rounds; 2019. Milwaukee, WI
14. Yang KJ. "Ulnar sided wrist pain". Oregon Health and Science University Hand Conference; 2020. Portland, OR
15. Yang KJ. "DRUJ instability". Oregon Health and Science University Hand Conference; 2021. Portland, OR
16. Yang KJ. "Dupuytren's contracture". Oregon Health and Science University Hand Conference; 2021. Portland, OR
17. Yang KJ. "Traumatic injury to the hand and upper extremity". Oregon Health and Science University Department of Surgery Grand Rounds; 2021. Oregon Health and Science University, Portland OR
18. Yang KJ. "Hand Anatomy and Fractures". UNMC Plastic Surgery Grand Rounds; 2022 April 20. University of Nebraska Medical Center
19. Yang KJ. "Soft Tissue Coverage/Upper Extremity Flaps". Hand/Sports Conference; 2022 June 3. University of Nebraska Medical Center

20. Yang KJ. "TMR and Bioprosthetics". UNMC Plastic Surgery Grand Rounds, University of Nebraska Medical Center; 2023 Feb 8. Omaha, NE
21. Yang KJ. "Hand Fracture/Dislocation". Resident Plastic Surgery Boot Camp; 2023 July 19. University of Nebraska Medical Center

## **PUBLICATIONS**

### **A. ARTICLES PUBLISHED IN SCHOLARLY JOURNALS**

1. Chen B, Cheng Q, Yang K, Lyden PD. Thrombin mediates severe neurovascular injury during ischemia. *Stroke*. 41 : 2348-52. 2010
2. Brosig C, Yang K, Hoffmann RG, Dasgupta M, Mussatto K. The role of psychology in a pediatric outpatient cardiology setting: preliminary results from a new clinical program. *Journal of clinical psychology in medical settings*. 21 : 337-46. 2014
3. Dua A, Desai SS, Ali F, Yang K, Lee C. Popliteal vein repair may not impact amputation rates in combined popliteal artery and vein injury. *Vascular*. 24 : 166-70. 2016
4. Graf A; Yang KJ; Klement K; Kim N; Matloub H. Abdominal suspension during massive panniculectomy: A novel technique and review of the literature. *JPRAS Open*. 2016 Jun; Science Direct/Elsevier. Vol. 8 Published
5. Yang KJ; Yan Y; Zhang L; et al. Increasing calcium level limits Schwann cell numbers in vitro following peripheral nerve injury. *Journal of Reconstructive Microsurgery*. 2017; Thieme. Vol. 33 (6): p. 435-440
6. Yang K, Graf A, Sanger J. Pressure ulcer reconstruction in patients with heterotopic ossification after spinal cord injury: A case series and review of literature. *Journal of plastic, reconstructive & aesthetic surgery : JPRAS*. 70 : 518-528. 2017
7. Graf A, Yang K, King D, Dzwierzynski W, Sanger J, Hettinger P. Lipomas of the Brachial Plexus: A Case Series and Review of the Literature. *Hand (New York, N.Y.)*. 14 : 333-338. 2019
8. Yang K, Rivedal D, Boehm L, Yan JG, Sanger J, Matloub H. Distally Based Pedicled Flexor Carpi Ulnaris Muscle Flap: An Anatomical Study and Clinical Application. *Hand (New York, N.Y.)*. 14 : 121-126. 2019
9. Yang K, Gehring M, Bou Zein Eddine S, Hettinger P. Association between Stenosing Tenosynovitis and Dupuytren's Contracture in the Hand. *Plastic and reconstructive surgery. Global open*. 7 : e2088. 2019
10. Yang KJ; Graf A; Kim N; Sanger J. Salvage of failed trapeziectomy, ligament reconstruction and tendon interposition with suture button suspensionplasty for basilar joint arthritis. *Current Orthopaedic Practice*. 2019 Mar; Wolters Kluwer Health, Inc. Vol. 30 (2): p. 154-159
11. Gehring MB, Yang KJ, Cusic JG, Ramamurthi A, Matloub HS, Argenta AE. A Novel Surgical Technique for Resuspension of Digital Pulp Tissue after Degloving Injuries. *Plastic and reconstructive surgery. Global open*. 7 : e2600. 2019
12. Yang K, Boehm L, Rivedal D, Yan JG, Matloub H. Vascularized Olecranon Bone Graft: An Anatomical Study and Novel Technique. *The Journal of hand surgery*. 45 : 157.e1-157.e6. 2020
13. Ramamurthi A, Adamson KA, Yang KJ, Sanger J, Ling-LeBlanc JP, Wilson B, LoGiudice JA. Management of Postsurgical Pyoderma Gangrenosum Following Deep Inferior Epigastric Perforator Flap Breast Reconstruction: A Role for a Dermal Regeneration Template. *Wounds : a compendium of clinical research and practice*. 33 : E67-E74. 2021
14. Guo M, Yang K, Kock ND, Daley R, Dzwierzynski W, LoGiudice J, Hettinger P, Best C, Argenta A. Dupuytren Cords Do Not Undergo Significant Histopathological Change After Collagenase Clostridium Histolyticum Injection. *Hand (New York, N.Y.)*. 15589447211043204. 2022
15. Anghel, Ersili; Radu, Stephanie; Krakauer, Kelsi; Carboy, Jourdan; Yang KJ; Chi, Albert; Lipira, Angelo. High-Transhumeral Amputation: Targeted Muscle Reinnervation and Soft Tissue Coverage with Pedicled Latissimus Dorsi Flap. *Journal of Hand Surgery Global Online*. 2022 Oct; Elsevier. p. 1-6
16. Lee, Donghee; Sharma, Navatha Shree; Shahriar, S. M. Shatil; Yang KJ; Yan, Zheng; Xie, Jingwei. A Nanofiber-embedded Microfluidic Platform for Studying Neurobiology. *ChemNanoMat*. 2022 Oct; Wiley-VCH GmbH. p. 1-9
17. Lee D, Yang K, Xie J. Advances in Nerve Injury Models on a Chip. *Advanced biology*. e2200227. 2023

**B. ARTICLES ACCEPTED FOR PUBLICATION IN SCHOLARLY JOURNALS**

Not Applicable

**C. ARTICLES SUBMITTED FOR PUBLICATION IN SCHOLARLY JOURNALS**

1. Graf A; Yang KJ; Soo Hoo A; Gehring M; Rossi P; LoGiudice L. Pedicled anterolateral thigh flap for complex groin reconstruction after vascular graft infection. Journal of Plastics, Reconstructive and Aesthetic Surgery. 2021

**D. BOOKS PUBLISHED, IN PREPARATION, SUBMITTED OR IN PRESS**

Not Applicable

**E. CHAPTERS IN BOOKS**

1. Kuy S; Yang KJ; Dua A. 50 Studies Every Surgeon Should Know. New York, NY: Oxford Press; 2018. Chapter 1, Outcomes following endovascular versus open repair of abdominal aortic aneurysm: The OVER Trial; 1-8
2. Kuy S; Yang KJ; Dua A. 50 Studies Every Surgeon Should Know. New York, NY: Oxford University Press; 2018. Chapter 1, Long Term Outcomes of Immediate Repair Compared with Surveillance of Small Abdominal Aortic Aneurysm; 9-14

**F. BOOKS OR JOURNALS EDITED**

Not Applicable

**G. ABSTRACTS AND PRELIMINARY COMMUNICATIONS**

Not Applicable

**H. PUBLISHED AUDIOVISUAL OR COMPUTER-BASED EDUCATIONAL MATERIALS AND COMPUTER SOFTWARE**

Not Applicable

**I. PUBLISHED CONTINUING EDUCATION MATERIALS**

Not Applicable

**J. EDITORIALS**

Not Applicable

**K. CONFERENCE PROCEEDING**

Not Applicable