

03/01/2011

**CURRICULUM VITAE****NAME:****CRAIG STUART PHILLIPS****ADDRESS (WORK):**

The Illinois Bone and Joint Institute,  
2401 Ravine Way,  
Glenview, Illinois,  
60025  
Telephone: (847) 998-5680  
Fax: (847) 564-6365  
e-mail: [handphillips@hotmail.com](mailto:handphillips@hotmail.com)

**EDUCATION:**

Graduate:  
1984-1989

University of the Witwatersrand,  
Johannesburg, South Africa  
Doctor of Medicine (MD)

**TRAINING:**

Jan. 1990 - June 1992

Resident-Orthopaedic Surgery  
University of the Witwatersrand General Hospital,  
Johannesburg, South Africa.

July 1994 - June 1999

Resident - Orthopaedic Surgery  
The University of Chicago Hospitals,  
5841 S. Maryland Ave.  
Chicago, Illinois

July 1999 - June 2000

Fellowship - Hand and Upper Extremity Surgery  
The Curtis National Hand Center,  
John's Hopkins Medical Center,  
3333 North Calvert Street, Second Floor,  
Baltimore, Maryland, 21218-3334

**CURRENT POSITION:**

January 2004 - Present:

Hand and Upper-Extremity Surgery,  
Microvascular Surgery,  
The Illinois Bone and Joint Institute

Clinical Assistant Professor of Surgery,  
Department of Surgery,  
Section of Orthopaedic Surgery  
The University of Chicago, Pritzker School of Medicine

**PREVIOUS APPOINTMENTS:**

July 1992 - June 1994

Research Associate - Hand and Upper-Extremity Surgery  
University of Chicago,  
Chicago, Illinois

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STAFF COUNCIL

July 2000 – December 2003

Assistant Professor of Surgery,  
Reconstructive Hand and Upper-Extremity Surgery,  
Microvascular Surgery,  
Section of Orthopaedic Surgery,  
The University of Chicago Hospitals

Director Hand and Upper-Extremity Surgery,  
Department of Orthopaedic Surgery,  
Louis A Weiss Memorial Hospital

January 2004 – June 2009

Instructor of Clinical Orthopaedic Surgery  
Feinberg School of Medicine,  
Northwestern University

**LICENSURE:**

Illinois, USA # 036-094861 (active)  
Maryland, USA # D0054598 (lapsed)

**EXAMINATIONS PASSED:**

Certificate of Added Qualification (CAQ) Hand – August 2003  
American Board of Orthopaedic Surgery (Part II) – July 2002  
American Board of Orthopaedic Surgery (Part I) – July 1999  
ECFMG Certified September 1993  
Medical Doctor (MD) - November 1989

**POSTGRADUATE AWARDS:**

Chicago Surgical Society:

Annual competition

Tensile strength of zone II flexor tendon repairs in a human cadaver model

November 1993

American Association for Hand Surgery:

23rd annual Meeting

Best Research Basic Science Category

Ulnar flexor tendon synovial sheath anatomy: A macroscopic study

December 1993

Howard Schneider Competition:

Illinois Orthopaedic Society

Tensile strength of zone II flexor tendon repairs in a human cadaver model

March 1994

Howard Schneider Competition:

Illinois Orthopaedic Society

The Efficiency of flexor tendon reconstruction in Zone II in human cadavers

March 1998

AOA - Zimmer Traveling Award:

American Orthopaedic Association

The Efficiency of flexor tendon reconstruction in Zone II in human cadavers

June 1998

Illinois Orthopaedic Society:

Resident Competition,

A mechanical comparison of pulley reconstruction techniques in the cadaver digit

May 1999

The University of Chicago:  
Section of Orthopaedic Surgery  
Teacher of the year award,  
2001-2002

Castle Connolly Top Doctors award  
Chicago,  
2003

Chicago Hand Society:  
Winner Koch Award for best manuscript  
The effect of ulnar shortening on the ulnocarpal ligaments and the distal radioulnar joint.  
October 2004

American Society for Surgery of the Hand:  
Young Members Leadership Committee  
December 2007

International Association of Orthopaedic Surgeons (IAO)  
Top Doctor Award  
2010

#### **ADDITIONAL CLINICAL ACTIVITIES:**

- Physician for Annual South African Formula 1 motor vehicle race - 1989
- Assistant team physician Thornton High School football - 1996
- Hand Surgery Overseas. Dominican Republic - 1999
- Assistant Team physician - Northwestern University - January 2004 - July 2009

#### **SOCIETIES:**

- American Academy of Orthopaedic Surgery: 1997 - Present
- American Society for Surgery of the Hand: May 2000 - Present
- Mid-American Orthopaedic Association: March 2001 - Present
- Health Volunteer Overseas: July 2001 - July 2002
- Chicago Hand Society: November 2002 - Present
- Illinois Orthopaedic Society: November 2002 - Present

#### **COMMITTEES:**

Weiss Memorial Hospital:  
Bioethics Committee,  
February 2001 - December 2003

Weiss Memorial Hospital fund-raising: Arlington Program  
March 2001

Weiss Memorial Hospital:  
Quality Review Management Committee,  
February 2001 - December 2003

Weiss Memorial Hospital:  
Co-Chairman:  
Quality Review Management Committee,  
October 2002 - March 2003

Weiss Memorial Hospital:  
Chairman:  
Orthopaedic Surgery Quality Review Management,  
January 2002 – December 2003

Weiss Memorial Hospital:  
Cost Containment Committee  
October 2002 – December 2003  
American Society for Surgery of the Hand:  
Product and Publication Advisory Committee  
October 2002 – September 2010

American Society for Surgery of the Hand:  
Public Education Committee  
October 2002 – October 2008

Evanston Northwestern Hospital  
Impaired physician committee  
August 2006 – present

Ravine Way Surgery Center  
Board of Directors Committee  
August 2006 – present

Illinois Bone and Joint Institute  
Management Committee  
Glenview, Wilmette division  
September 2006 – present

American Society for Surgery of the Hand:  
Crucial Elements Committee  
October 2007 – present

American Society for Surgery of the Hand:  
Commercial Support Committee  
January 2008 – June 2009

American Society for Surgery of the Hand:  
Government Affairs Committee  
February 2008 – September 2010

## **EDUCATIONAL RESPONSIBILITIES**

July 2009 – Present	Fellowship Director Hand & Upper-Extremity Surgery
July 2009 – Present	Educator - didactic and surgical technique, The University of Chicago Orthopaedic Residents
January 2004 – June 2009	Clinical Instructor - - didactic and surgical technique, Northwestern University Orthopaedic Residents
July 2000 – December 2003	Resident Research Director The University of Chicago Orthopaedic Surgery Residency

July 2000 – December 2003	Anatomy Course Director The University of Chicago Orthopaedic Surgery Residency
July 2000 – December 2003	Resident Recruitment Committee The University of Chicago Orthopaedic Surgery Residency
July 2000 – December 2003	Conference Coordinator and Director Hand and Upper-Extremity Weekly Conference Weiss Memorial Hospital

#### RESEARCH ACTIVITIES:

Reviewer:  
American Society for Surgery of the Hand annual conference.  
Seattle, WA.  
October 2000

Editorial Board:  
Orthopedic Quarterly  
November 2001-Present

Assistant reviewer:  
The Journal of Hand Surgery  
January 2001 – January 2004

Associate Editor:  
Journal of Hand Surgery  
January 2004 – Present

Associate Editor:  
Journal of Hand & Microsurgery  
January 2009 – Present

#### PUBLICATIONS (peer reviewed):

1. **PhillipsCS**, Falender R and Mass D. Ulnar flexor tendon synovial sheath anatomy: A macroscopic study. *Journal of Hand Surgery* 20A:636-641, 1995.
2. **PhillipsC** and Mackay DR. An unusual foreign body in the hand; delayed presentation of a retained human tooth. A case report. *Scandinavian Journal of Plastic Reconstructive and Hand Surgery* 29(2):181-183, 1995.
3. **PhillipsCS** and Mass D. Mechanical analysis of the palmar aponeurosis pulley in human cadaver hands. *Journal of Hand Surgery* 21A:240-244, 1996.
4. Komanduri M, **PhillipsCS** and Mass D. Tensile strength of flexor tendon repairs in a dynamic cadaver model. *Journal of Hand Surgery* 21A:605-611, 1996.
5. Kang H, Lee S, **PhillipsCS** and Mass D. Biomechanical changes of cadaveric finger flexion: The effect of wrist position and of the transverse carpal ligament and palmar and forearm fasciae. *Journal of Hand Surgery* 21A:963-968, 1996.
6. Hamman J, Ali A, **PhillipsCS**, Cunningham B and Mass D. A biomechanical study of the flexor digitorum superficialis: Effects on digital pulley excision and loss of flexor digitorum profundus. *Journal of Hand Surgery* 22A:328-335, 1997.
7. Phillips FM, **PhillipsCS**, Wetzel FT and Gelinas C. Occipito-cervical neutral position - Surgical implications. *Spine* 24:775-778, 1999.

8. **PhillipsCS**, Murphy MS. Vascular Problems of the Upper-Extremity: A Primer for the Orthopaedic Surgeon. *Journal of the American Academy of Orthopaedic Surgery*, November 2002.
9. **PhillipsCS**, Nenadovich N. A contemporary approach to osteoporotic wrist fractures in the elderly. *Advances in Osteoporotic Fracture Management*. Quarterly review, October 2002
10. **PhillipsCS**, Swanson A and Mass MD. A mechanical comparison of pulley reconstruction techniques in the cadaver digit. *Accepted after resubmission Journal of Bone and Joint Surgery*
11. Pennock AT, **PhillipsCS**, Matzon JL, and Daley EB. The Effects of Forearm Rotation on Three Wrist Measurements: Radial Inclination, Radial Height, and Palmar Tilt. *Hand Surgery*, 2005, Jul;10(1):17-22
12. Matzon JL, Widmer BJ, Draganich, LF, Mass DP, **PhillipsCS**. Anatomy of the Coronoid Process. *Journal of Hand Surgery* 31A, 1272-1278, 2006

#### **PUBLICATIONS(Under review):**

1. Dunlap BJ, Benson LS, **PhillipsCS**, Gavin PJ, Peterson LR. Contamination of skin markers used to mark the operative site. *Submitted to Journal of Bone & Joint Surgery*.
2. The effect of ulnar shortening on the ulnocarpal ligaments and the distal radioulnar joint. Tan R, Mass DP, **PhillipsCS**.
3. **PhillipsCS** and Mass D. The pressure exerted on the annular pulley system during finger flexion. *Submitted to Journal of Hand Surgery*.
4. Jaureguito J, Wilcox JF, Thistead R, Cunningham B, **PhillipsCS** and Reider B. The effect of Morphine on human articular cartilage of the knee - an in vitro study. *Submitted to Journal of Sports Medicine*.
5. Manning D, **PhillipsCS**, Cunningham B, and Mass D. The macroscopic study of the radial bursa and the flexor pollicis longus synovial sheath. *Resubmitted to Journal of Hand Surgery*
6. **PhillipsCS**, Swanson A, Heminger H, and Mass D. Efficiency of reconstructed flexor tendons in cadaver hands. *Submitted to Journal of Hand Surgery*.
7. **PhillipsCS**, Ho E, Betts, J. The effect of first carpo-metacarpal arthroplasty on carpal canal morphology. *Submitted to Journal of Hand Surgery*
8. Complex elbow instability associated with coronoid fractures. Matzon J, Siebert N, **PhillipsCS**. *Submitted to Journal of Hand Surgery*

#### **Manuscripts(In preparation):**

1. The relationship of tendon load and fingertip pinch in the flexor digitorum profundus. Ali A, **PhillipsCS**, Cunningham B and Mass D
2. The biomechanical analysis of the thumb flexor tendon pulley system. Cunningham B, **PhillipsCS** and Mass D.
3. The anatomy of the thumb flexor pulley system; the forth pulley. Cunningham B, **PhillipsCS**, Mass D.
4. Elongation and knot strength of non-absorbable suture material. Murphy KT, Minter RA, **PhillipsCS** and Mass DP.

## ABSTRACTS

1. Cunningham BJ, **Phillips CS** and Mass DP. Anatomy of the flexor pollicis longus tendon sheath and the radial bursa of the hand. Orthopaedic Transactions vol 19, Number 3, pp754, 1995-1996.
2. Kang HJ, **Phillips CS** and Mass DP. Biomechanical changes of finger flexion after carpal tunnel release. Orthopaedic Transactions vol 19, Number 3, pp708, 830, 1995-1996.
3. Hamman JJ, Ali A, **Phillips CS**, Cunningham B and Mass DP. Effects of annular pulley and FDP excision on FDS efficiency. Orthopaedic Transactions vol 19, Number 3, pp701, 1995-1996.
4. Cunningham BJ, **Phillips CS** and Mass DP. Biomechanical analysis of the thumb flexor pulleys. Orthopaedic Transactions vol 19, Number 3, pp701, 1995-1996.
5. **Phillips CS** and Mass DP. The annular pulley pressure during finger flexion. Orthopaedic Transactions vol 19, Number 3, pp701-2, 1995-1996.
6. **Phillips CS** and Mass D. Mechanical analysis of the palmar aponeurosis pulley in human cadavers. Year Book of Hand Surgery 1997, pp11-12, 1997.
7. Phillips FM, **Phillips CS**, Gelinas C and Wetzel FT. Occipito-cervical neutral position - Possible surgical implications. Orthopaedic Transactions vol 21, Number 2, pp507 + 1145, 1997.
8. Cunningham B, **Phillips CS** and Birnie R. Macroscopic anatomy of the medial antebrachial nerve of the forearm. Orthopaedic Transactions vol 21, Number 2, pp1178, 1997.
9. **Phillips CS**, Emami A, Swanson A, Heminger H and Mass DP. Independent flexor digitorum profundus excursion among fingers in human cadavers. Orthopaedic Transactions vol 22, Number 2, pp368, 1998-1999.
10. **Phillips CS**, Swanson A, Heminger H and Mass DP. The efficiency of reconstructed tendons in zone II in human cadavers. Orthopaedic Transactions vol 22, Number 2, pp370, 1998-1999.

## BOOKS EDITED:

Flexor Tendon Injuries. **Craig S Phillips**, Daniel P Mass. Hand Clinics: Lipincott Williams: Feb 2005.

## BOOK CHAPTERS:

1. Diagnosis and treatment of Medial and Lateral Ligament incompetence. **Craig S Phillips**, Keith A Segalman. In: Hand Clinics: Contemporary Management of Elbow and Forearm Disorders. 2002, vol 18.1, pp 654-559.
2. Endoscopic Carpal Tunnel Release: The Agee technique. **Craig S Phillips**. Surgical techniques of Sports Medicine. W.B. Saunders. (in press).
3. Compression Neuropathies of the upper-extremity. **Craig S Phillips**. Musculoskeletal Medicine. American Academy of Orthopaedic Surgery, 2004.
4. Pediatric Brachial plexus injury: **Craig S Phillips**, Sovarint Tan. Essentials of Orthopaedics, American Academy of Orthopaedic Surgeons, 2003
5. Flexor Tendon Pulley Reconstruction. Vishal Mehta, **Craig S Phillips** Hand Clinics, pp 245-251, Vol 1, No 2, May 2005.
6. The future of flexor tendon surgery. Jeffrey Luo, Daniel P Mass, **Craig S Phillips**, TC He. Hand Clinics, pp267-273, Vol 1, No 2, May 2005

6. Extensor Tendon Centralization Following Traumatic Subluxation at the MCP Joint. Ross J. Richer, M.D. **Craig S. Phillips, M.D.**, Leon S. Benson, M.D. Operative Techniques in Orthopaedic Surgery. Lippincott, Williams & Wilkins.
7. Hand Spaces. **Craig S Phillips MD**. Blue Book, Chapter 7, ASSH, 2010
8. Hand Spaces: Physical Examination and common clinical conditions. **Craig S Phillips MD**, Chapter 19, ASSH, 2010
9. Flexor tendon anatomy and surgical approaches. Andre Spiguel MD and **Craig S Phillips MD**. Master Skills Publication. American Society of Surgery of the Hand. 2011

#### **PUBLICATIONS (Non peer reviewed):**

1. The treatment of weather related injuries.  
The North Loop News,  
February 2002.
2. American Society of Surgery of the Hand.  
Educational Brochures:
  - Vascular disorders of the upper-extremity
  - Infections of the hand including bites
  - Wrist arthroscopy
  - Arthritis of the hand
  - Elbow fractures
  - Flexor tendon injuries
  - Wrist fractures
3. EPB tendon transfer correcting MP hyperextension during CMC arthroplasty.  
ASSH Correspondence Newsletter  
October 2007

#### **NATIONAL PRESENTATIONS:**

1. The efficiency of the annular pulley system. Greenwald D, Schumway S, Rispler D, Allen C, **Phillips CS** and Mass D.  
  
Chicago Hand Society,  
Chicago, IL.  
August 1993
2. Tensile strength of zone 2 flexor tendon repairs in a dynamic cadaver model. Komanduri M, **Phillips CS** and Mass D.  
  
Smith and Nephew Richard's,  
11th Annual Orthopaedic Residents Conference.  
Memphis, TN.  
August 1993  
  
American Society for Surgery of the Hand,  
48th Annual Meeting,  
Kansas City, Mo.  
September 1993



American Association for Hand Surgery,  
23rd Annual Meeting,  
Cancun, Mexico.  
December 1993

3. Mechanical analysis of the palmar aponeurosis pulley in human hands. **PhillipsCS** and Mass D.

American Society for Surgery of the Hand,  
48th Annual Meeting,  
Kansas City, MO.  
September 1993

American Association for Hand Surgery,  
23rd Annual Meeting,  
Cancun, Mexico.  
December 1993

4. Ulnar flexor tendon synovial sheath anatomy: A macroscopic study. **PhillipsCS**, Falender R and Mass D.

American Society for Surgery of the Hand,  
48th Annual Meeting,  
Kansas City, Mo.  
September 1993

American Association for Hand Surgery,  
23rd Annual Meeting,  
Cancun, Mexico.  
December 1993

5. The anatomy of the flexor pollicis longus sheath and radial bursa. **PhillipsCS**, Cunningham B and Mass D.

American Association of Clinical Anatomists,  
11th Annual Meeting,  
Galveston, Texas,  
June 1994

6. The pressure exerted on the annular pulley system during finger flexion: A biomechanical study. **PhillipsCS** and Mass D.

American Society for Surgery of the Hand,  
49th Annual Meeting,  
Cincinnati, OH.  
October 1994

American Association for Hand Surgery,  
24th Annual Meeting,  
Marco Island, Florida.  
January 1995

American Orthopaedic Association (Residents)  
28th Annual Meeting,  
Pittsburgh, Pennsylvania,  
March 1995

7. The anatomy of the thumb flexor pulleys. Cunningham B, **PhillipsCS** and Mass D.

American Association of Clinical Anatomists,  
11th Annual Meeting,  
Galveston, Texas,  
June 1994

American Association for Hand Surgery,  
25th Annual Meeting,  
Palm Springs, California,  
February 1995  
American Society for Surgery of the Hand,  
50th Annual Meeting,  
San Francisco, California,  
September 1995

8. The biomechanical efficiency of the thumb flexor pulley system. Cunningham B, **PhillipsCS** and Mass D.

American Society of Surgery of the Hand,  
49th Annual Meeting,  
Cincinnati, OH,  
October 1994  
Charles Huggins Conference,  
Hosted by The University Of Chicago Hospitals,  
Chicago, IL.  
June 1994

American Association for Hand Surgery,  
25th Annual Meeting,  
Palm Springs, California, February 1995

9. The contribution of the flexor digitorum superficialis tendon to finger strength. Hamman J, Ali A, **PhillipsCS**,  
Cunningham B and Mass D.

American Orthopaedic Association (Residents),  
28th Annual Meeting,  
Pittsburgh, Pennsylvania,  
March 1995

10. Medial and lateral cutaneous nerves of the forearm: A macroscopic and microscopic study for nerve grafting.  
**PhillipsCS**, Cunningham B and Birnie R.

American Association for Hand Surgery,  
25th Annual Meeting,  
Palm Springs, California,  
February 1995

11. Effects of annular pulley and FDP excision on FDS efficiency. Hamman J, Ali A, **PhillipsCS**, Cunningham B  
and Mass D.

American Society for Surgery of the Hand,  
13th Annual Meeting,  
San Francisco, California,  
September 1995

American Orthopaedic Association (Residents),  
13th Annual Meeting,  
Pittsburgh, Pennsylvania,  
March 1995

12. The biomechanical changes of finger flexion after carpal tunnel release. Kang H, **Phillips CS** and Mass D.

American Orthopaedic Association (Residents),  
28th Annual Meeting,  
Pittsburgh, Pennsylvania,  
March 1995

American Society for Surgery of the Hand,  
50th Annual Meeting,  
San Francisco, California,  
September 1995

13. Macroscopic study of the radial bursa and the Flexor Pollicis Longus sheath. Cunningham B, **Phillips CS** and Mass D.

American Society for Surgery of the Hand,  
50th Annual Meeting,  
San Francisco, California,  
September 1995  
American Association for Hand Surgery,  
25th Annual Meeting,  
Palm Springs, California,  
February 1995

American Orthopaedic Association,  
108th Annual Meeting,  
White Sulphur Springs, West Virginia,  
June 1995

14. The effect of Morphine on human articular cartilage of the knee - an in vitro study. Jaureguito J, Wilcox JF, Thistead R, Cunningham B, **Phillips CS** and Reider B.

American Society of Sports Medicine,  
22nd Annual Meeting,  
Lake Buena Vista, Florida,  
June 1996

15. Occipito-cervical neutral position-possible surgical implications. **Phillips CS**, Gelinas C, Wetzel FT and Phillips FM.

North American Spine Society,  
11th Annual Meeting,  
Vancouver, Canada,  
November 1996

Cervical Spine Research Society,  
24th Annual Meeting,  
Palm Beach, FL,  
December 1996

American Orthopaedic Association (Residents),  
30th Annual Meeting,  
New York, NY,  
March 1997

16. The efficiency of reconstructed tendons in zone II in human cadavers. **Phillips CS**, Swanson A, Heminger H and Mass DP.

American Orthopaedic Association (Residents),  
31st Annual Meeting,  
Sacramento, CA,  
February 1998

Illinois Orthopaedic Society,  
Chicago, IL,  
April 1998

American Orthopaedic Association (Zimmer award recipient),  
111th Annual Meeting,  
Asheville, NC,  
June 1998

Charles Huggins Conference,  
Hosted by The University of Chicago Hospitals,  
Chicago, IL,  
June 1998

American Society for Surgery of the Hand,  
53rd Annual Meeting,  
Minneapolis, MN,  
September 1998

17. Independent flexor digitorum profundus excursion among fingers in human cadavers. **Phillips CS**, Swanson A, Heminger H and Mass DP.

American Orthopaedic Association (Residents),  
31st Annual Meeting,  
Sacramento, CA,  
February 1998

18. A mechanical comparison of pulley reconstruction techniques in the cadaver digit. **Phillips CS**, Swanson A and Mass DP.

Illinois Orthopaedic Society,  
Chicago, IL,  
May 1999

American Society for Surgery of the Hand,  
54th Annual Meeting,  
Boston, MA,  
September 1999

19. The effect of first carpo-metacarpal arthroplasty on carpal canal morphology. **PhillipsCS**, Betts J.

Charles Huggins Conference,  
Hosted by The University of Chicago Hospitals,  
Chicago, IL,  
June 2001.

American Society for Surgery of the Hand,  
57th Annual Meeting,  
Phoenix, AZ,  
September 2002.

20. Elbow instability associated with coronoid fractures. Matzon J, Siebert N, Mass DP, **PhillipsCS**.

Charles Huggins Conference,  
Hosted by The University of Chicago Hospitals,  
Chicago, IL,  
May 2002.

American Society for Surgery of the Hand,  
20th Annual Meeting,  
Phoenix, AZ,  
September 2002.

21. Elbow instability associated with isolated and complex coronoid fractures Matzon JL, Seibert NR, Mass DP, and **PhillipsCS**.

Mid-America Orthopaedic Association  
21<sup>st</sup> Annual Meeting,  
Hilton Head, SC,  
April 2003

22. A biomechanical evaluation of flexion comparing two techniques for distal biceps tendon repair. Siebert N, Matzon J, **PhillipsCS**, Mass DP.

Mid-America Orthopaedic Association  
21<sup>st</sup> Annual Meeting,  
Hilton Head, SC,  
April 2003

23. Adenovirus-Mediated Expression of BMP 12, 13 and 14 Induces Tendon-Specific Marker Scleraxis. Haydon RC, Mehta V, Cheng H, Jiang W, Zhou, L, Mass DP, **PhillipsC**, and He TC.

Charles Huggins Conference,  
Hosted by The University of Chicago Hospitals,  
Chicago, IL,  
May 2003.

24. The effect of ulnar shortening on the ulnocarpal ligaments and the distal radioulnar joint. Tan R, Mass DP, **PhillipsCS**.

American Society for Surgery of the Hand,  
58th Annual Meeting,  
Chicago, IL,  
September 2003.

25. Anatomy of the Coronoid Process. Matzon JL, Widmer BJ, Draganich LF, Mass DPM, and **Phillips CS**.

Mid America Orthopaedic Association  
23<sup>rd</sup> Annual Meeting,  
Amelia Island, FL  
April 2005

American Society for Surgery of the Hand,  
60th Annual Meeting,  
San Antonio, TX,  
September 2005.

26. The Effects of Forearm Rotation on distal radius morphology. Pennock AT, **Phillips CS**, Matzon JL, and Daley EB.

American Society for Surgery of the Hand,  
60th Annual Meeting,  
San Antonio, TX,  
September 2005.

27. A mechanical comparison of A2 pulley reconstruction techniques in the cadaver digit. **Phillips CS**, Swanson A and Mass DP.

Mid America Orthopaedic Association  
23<sup>rd</sup> Annual Meeting,  
Amelia Island, FL  
April 2005

28. Early Clinical Outcome after rigid volar plating for distal radius fractures. Sheibani S, **Phillips CS**.

Mid America Orthopaedic Association  
25<sup>th</sup> Annual Meeting,  
Boca Raton, FL  
April 2007

- 29: Contamination of skin markers used to mark the operative site. Dunlap BJ, Benson LS, **Phillips CS**, Gavin PJ, Peterson LR.

Mid America Orthopaedic Association  
25<sup>th</sup> Annual Meeting,  
Boca Raton, FL  
April 2007

#### INTERNATIONAL PRESENTATIONS

1. Human bite infections of the hand. **Phillips CS** and McKay DR.

South African Hand Surgery Society,  
21st Annual Meeting,  
Johannesburg, South Africa,  
September 1991.

2. Effects of annular pulley and FDP excision on FDS efficiency. Hamman J, Ali A, **Phillips CS**, Cunningham B and Mass D.

International Federation of Societies for Surgery of the Hand,  
6th Annual Meeting,  
Helsinki, Finland,  
July 1995

International Hand and Wrist Biomechanical Symposium,  
2nd Triennial Meeting,  
Mayo Clinic, Minnesota,  
September 1995

3. Medial and lateral cutaneous nerves of the forearm: A macroscopic and microscopic study for nerve grafting. **Phillips CS**, Cunningham B and Birnie R.

International Federation of Societies for Surgery of the Hand,  
6th Annual Meeting,  
Helsinki, Finland,  
July 1995

4. Biomechanical changes of finger flexion after carpal tunnel release with respect to wrist position. Kang H, Lee SL, **Phillips CS** and Mass D.

International Federation of Societies for Surgery of the Hand,  
6th Annual Meeting,  
Helsinki, Finland,  
July 1995

#### **RESEARCH SUPPORT:**

Mid-America Orthopaedic Association (2001) - \$2000.00

"Travel Grant for Orthopaedic Surgeons"

Curtis National Hand Center Grant (1999) - \$4,5000

"Indirect carpal tunnel release secondary to first carpometacarpal arthroplasty"

Orthopaedic Research Education Foundation (OREF) Grant (1997) - \$15,000.00

"Efficiency of flexor tendon and pulley reconstruction in Zone II in human cadavers"

American Society for Surgery of the Hand - Pending

"Augmentation of flexor tendon healing using gene therapy with BMP 14 in a rabbit model"

#### **INVITED LECTURESHIPS (CME accredited):**

1. The efficiency of reconstructed flexor tendons and pulleys in Zone II in human cadavers.  
Grand Rounds: The University of Chicago.  
June 1998.
2. Understanding and Treating Shoulder Pain.  
Grand Rounds: Louis A Weiss Memorial Hospital,  
March 2001.
3. Common hand and upper-extremity fractures.  
The University of Chicago Primary Care Orthopaedic Course,  
June 2001

4. Treatment of subacute and chronic disorders of the upper-extremity.  
The University of Chicago Primary Care Orthopaedic Course,  
June 2001
5. Common hand and upper-extremity fractures.  
The University of Chicago Primary Care Orthopaedic Course,  
June 2002
6. Injection techniques in Orthopaedic Surgery.  
The University of Chicago Primary Care Orthopaedic Course,  
June 2002
7. Ulnar-sided wrist pain  
Combined Chicago Hand and Upper-Extremity Course,  
September 2002
8. Vascular disorders of the Upper-Extremity  
Combined Chicago Hand and Upper-Extremity Course,  
September 2002
9. Treatment of elbow instability  
Combined Chicago Hand and Upper-Extremity Course,  
September 2002
10. Contemporary management of wrist fractures  
Chicago Hand Therapy Association  
November 2002
11. The treatment of distal radius fractures using a new volar plate.  
Grand Rounds, Southern Illinois University,  
Department of Orthopaedic Surgery,  
Springfield, Illinois,  
April 2003
12. The treatment of ulnar-sided wrist pain  
Current Concepts in Orthopaedic Surgery,  
Illinois Association of Orthopaedic Surgery,  
Springfield, Illinois,  
April 2003
13. The treatment of distal radius fractures.  
Current Concepts in Orthopaedic Surgery,  
Illinois Association of Orthopaedic Surgery,  
Springfield, Illinois,  
April 2003
14. Treatment of subacute and chronic disorders of the upper-extremity.  
The University of Chicago Primary Care Orthopaedic Course,  
Chicago, IL  
June 2003
15. Common hand and upper-extremity fractures.  
The University of Chicago Primary Care Orthopaedic Course,  
Chicago, IL  
June 2003



16. A rational approach to ulnar sided wrist pain.  
Chicago Hand Therapy Association  
July 2003
17. Treatment of subacute and chronic disorders of the upper-extremity.  
The University of Chicago Primary Care Orthopaedic Course,  
Chicago, IL  
June 2004
18. Evaluation and initial treatment of acute hand disorders  
The University of Chicago Primary Care Orthopaedic Course,  
Chicago, IL  
June 2004
19. The volar wrist arthroscopy portal.  
American Society of Surgery of the Hand  
Wrist Arthroscopy Course  
August, 2004
20. Rigid volar internal fixation of distal radius fractures.  
Grand Rounds: Northwestern University  
March, 2007
21. Current Trends in Shoulder Resurfacing Arthroplasty  
48<sup>th</sup> Annual Meeting,  
American Osteopathic Academy of Orthopedics,  
Chicago, Illinois  
April, 2008
22. Limited Incision: Radial and Palmar exposure of the distal Radius  
Current Options in the treatment of wrist injuries,  
The American Academy of Orthopaedic Surgery  
Rosemont, Illinois,  
May, 2008
23. Lunotriquetral Instability  
Current Options in the treatment of wrist injuries,  
The American Academy of Orthopaedic Surgery  
Rosemont, Illinois,  
May, 2008
24. Current Treatment of wrist fractures using fixed angle volar plating.  
Grand Rounds,  
Grand Rapids, MI,  
November, 2008
25. Understanding ulnar sided wrist pain: the LT joint.  
Grand Rounds,  
Grand Rapids, MI,  
November, 2008
26. Treating radial head fractures: Off with the head  
Clinical Concepts in Hand and Wrist Surgery  
Washington, DC  
April, 2009

- 27: Current treatment of SLAC wrist arthritis – joint preservation techniques.  
Clinical Concepts in Hand and Wrist Surgery  
Washington, DC  
April, 2009
- 28: Acute scaphoid fractures: To fix or not to fix.  
Clinical Concepts in Hand and Wrist Surgery  
Washington, DC  
April, 2009
- 29: Not just another volar plate.  
Clinical Concepts in Hand and Wrist Surgery  
Washington, DC  
April, 2009
- 30: Finding solace in the TFCC  
Chicago Metra Hand Therapy Association  
September, 2009
- 31: Common misconceptions regarding the Rotator Cuff.  
IBJI Work Compensation symposium  
Morton Grove, IL  
June 2010
- 32: Flexor Tendon Injuries: What's new and what works.  
12<sup>th</sup> Annual Chicago Trauma Symposium,  
Chicago, IL  
August 2010
- 33: Radial head Injuries: Replace or excise?  
12<sup>th</sup> Annual Chicago Trauma Symposium,  
Chicago, IL  
August 2010
- 34: How to recognize and treat common hand and wrist injuries.  
IBJI annual PT symposium  
Chicago, IL  
November 2010
- 35: Treatment of Dupuytren's Disease in the 21<sup>st</sup> century  
Grand Rounds  
The University of Chicago  
April 2011

#### **TALKS (non-CME)**

1. Arthritis of the Upper-Extremity: From the shoulder to the fingers.  
Guest speaker. Marriott Hotel, Chicago, IL.  
Sept. 2000
2. An approach to complex disorders about the elbow.  
Athletico Therapy Meeting  
Chicago, IL  
August 2002

3. Fact or Fiction: Cost Effective Management of work related injuries of the Upper-Extremity.  
NovaCare Regional Course,  
Oakbrook, IL  
October 2001.
4. The effect of ulnar shortening on the ulnolunate and distal radioulnar joints.  
Chicago Hand Society  
November 2002.
5. Elbow instability associated with simple and complex coronoid fractures.  
Chicago Hand Society  
November 2003
6. Current treatment of elbow fractures and dislocations.  
Evanston Hospital  
Orthopaedic Trauma Series  
April, 2004
7. Rheumatoid disorders of the hand.  
Orthopaedic Board Review Course  
The Osler Institute,  
July, 2004
8. Tendon and nerve injuries of the hand and forearm.  
Orthopaedic Board Review Course  
The Osler Institute,  
July, 2004
9. Dupuytren's disease.  
Orthopaedic Board Review Course  
The Osler Institute,  
July, 2004
10. Rheumatoid disorders of the hand.  
Orthopaedic Board Review Course  
The Osler Institute,  
July, 2005
11. Tendon and nerve injuries of the hand and forearm.  
Orthopaedic Board Review Course  
The Osler Institute,  
July, 2005
12. Dupuytren's disease.  
Orthopaedic Board Review Course  
The Osler Institute,  
July, 2005
13. Volar fixed angle fixation for distal radius fractures.  
Orthopaedic Course  
Hand Innovations,  
October, 2005
14. Volar fixed angle fixation for distal radius fractures.  
Orthopaedic Course  
DVO Orthopaedics,  
July, 2006

15. The diagnosis and treatment of common wrist and carpal injuries  
Grand rounds: Evanston Emergency Medicine  
February, 2007
16. Collateral Ligament Injuries of the Thumb  
Doctor's Demistify,  
The University of Chicago  
April, 2007
17. Thumb Tendonitis  
Doctor's Demistify,  
The University of Chicago  
April, 2007
18. Volar fixed angle fixation for distal radius fractures – surgical technique.  
American Society for Surgery of the Hand  
Instructional Course  
Tornier/DVO Orthopaedics,  
October 2007
19. Physical Examination of the Elbow  
Doctor's Demistify,  
The University of Chicago  
April, 2008
- 20: Endoscopic Carpal Tunnel Release  
MicroAire meeting  
August 2008
21. Tendon grafts and tendon substitutes  
Doctor's Demistify,  
The University of Chicago  
April, 2010
22. Shoulder arthroplasty and fusion  
Doctor's Demistify,  
The University of Chicago  
April, 2011

#### **COURSES:**

1. Faculty:  
The University of Chicago Primary Care Orthopaedic Course,  
Chicago, Illinois,  
June 2001
2. Faculty:  
The University of Chicago Primary Care Orthopaedic Course,  
Chicago, Illinois,  
June 2002
3. Chairman, Coordinator, and Faculty:  
Combined Chicago Hand and Upper-Extremity Review Course,  
Chicago, Illinois,  
September 2002

4. Chairman:  
Treatment of distal radius fractures: A novel volar approach.  
Chicago, Illinois,  
March 2003
5. Chairman:  
Endoscopic carpal tunnel release: pearls and pitfalls  
Chicago, Illinois,  
March, 2003
6. Faculty:  
Current Concepts in Orthopaedic Surgery  
Illinois Association of Orthopaedic Surgery  
Springfield, Illinois,  
April 2003
7. Faculty:  
Wrist Arthroscopy Course  
American Society for Surgery of the Hand/ American Academy of Orthopaedic Surgeons  
Rosemont, Illinois,  
April 2003
8. Faculty:  
Howmedica Osteonics Shoulder Course,  
Snowbird, Utah,  
April 2003
9. Faculty:  
The University of Chicago Primary Care Orthopaedic Course,  
Chicago, Illinois,  
June 2003
10. Faculty:  
The Management of Wrist Fractures,  
The American Academy of Orthopaedic Surgery,  
Rosemont, Illinois,  
May, 2004
11. Faculty:  
The University of Chicago Primary Care Orthopaedic Course,  
Chicago, Illinois,  
June 2004
12. Faculty,  
Orthopaedic Board Review Course,  
The Osler Institute,  
Naperville, Illinois,  
July, 2004
13. Faculty:  
Arthroscopy of the wrist,  
The American Society of Surgery of the Hand  
Rosemont, Illinois,  
August, 2004

14. Faculty,  
Orthopaedic Board Review Course,  
The Osler Institute,  
Naperville, Illinois,  
July, 2005
15. Chairperson,  
The treatment of wrist fractures with fixed angle volar plating,  
Merrville, IN  
September 2005
16. Faculty,  
Current Options in the treatment of Wrist Fractures,  
The American Academy of Orthopaedic Surgery  
Rosemont, Illinois,  
May, 2006
17. Faculty,  
Fractures and wrist arthroscopy,  
The American Society of Surgery of the Hand  
Rosemont, Illinois,  
August, 2006
18. Faculty,  
Doctors Demystify: The Thumb,  
The American Society of Surgery of the Hand  
Chicago, Illinois,  
April, 2007
19. Faculty,  
Wrist and elbow arthroscopy,  
Arthroscopy Association of North America  
Rosemont, Illinois,  
June, 2007
20. Faculty,  
Doctors Demystify: The Elbow,  
The American Society of Surgery of the Hand  
Chicago, Illinois,  
April, 2008
21. Faculty,  
Current Options in the treatment of wrist injuries,  
The American Academy of Orthopaedic Surgery  
Rosemont, Illinois,  
May, 2008
22. Faculty,  
Treatment of complex wrist and elbow fractures,  
The American Society for Surgery of the Hand,  
Annual meeting,  
Chicago, IL  
September, 2008

23: Faculty:

Clinical Concepts in Hand and Wrist Surgery  
Washington, DC  
April, 2009

24. Faculty,

'When bad things happen to good surgeons: Problems of the hand, wrist and elbow.'  
The American Society for Surgery of the Hand,  
Annual meeting,  
San Francisco, CA,  
September, 2009

25. Faculty,

Doctors Demystify: Tendon Injuries,  
The American Society of Surgery of the Hand  
Chicago, Illinois,  
April, 2010

26. Faculty,

12<sup>th</sup> Annual Chicago Trauma Symposium,  
Chicago, Illinois,  
August, 2010

27: Faculty

Co-Moderator Hand Session  
Mid-America Orthopaedic Association  
29<sup>th</sup> annual meeting,  
Tuscan, AZ  
April, 2011

28. Faculty,

Doctors Demystify: Tendon Injuries,  
The American Society of Surgery of the Hand  
Chicago, Illinois,  
April, 2011

**TELEVISION APPEARANCES:**

1. WGN TV NEWS -- "Health watch"  
"Replantation of digits"  
March 4<sup>th</sup>, 2002

**COURSES ATTENDED:**

1. Prosthetic and Orthotic Course  
Northwestern University  
May 1996
2. AO/ASIF Principles of Orthopaedic Internal Fixation - Basic Course  
Reno, NV  
February 1997
3. The University of Chicago Bone and Soft Tissue Tumor Course  
The University of Chicago  
October 1998

4. The treatment of complex elbow disorders.  
Rosemont, IL.  
November 2000.

5. Arthroscopic rotator cuff repair  
Rosemont, IL.  
October 2001

#### **CURRENT RESEARCH:**

1. Gene manipulation to enhance flexor tendon healing.
2. Strain patterns within the carpal ligaments - the effect of wrist position.
3. Anatomy of the elbow
4. The effect of surgical gloves on the median nerve at the wrist
5. Quantifying the pressure exerted by a digital tourniquet
6. Prospective outcome of various techniques of treating mallet fractures.

#### **INDUSTRY INVOLVEMENT:**

1. DVO - DeoVolente Orthopaedics  
Wrist fracture fixation - Design Team  
2006-2009
2. DVO - DeoVolente Orthopaedics:  
Surgery Advisory Board  
2006-2009
3. Tomier Orthopaedics  
Surgical Advisory Board  
Hand, wrist, elbow  
October 2007 - present
4. MicroAire Surgical Instruments  
Consultant  
2008- present
5. Auxilium Pharmaceuticals INC.  
Consultant  
2009 - present