

**THE UNIVERSITY OF BRITISH COLUMBIA**  
***Curriculum Vitae for Faculty Members***

Date March 2011

Initials:

1. **SURNAME:** CHIN**FIRST NAME:** PATRICK Yau-Keong  
**MIDDLE NAME(S):**2. **DEPARTMENT/SCHOOL:** Orthopaedic Surgery3. **FACULTY:** Medicine4. **PRESENT RANK:** Clinical Instructor**SINCE:** January 20075. **POST-SECONDARY EDUCATION**(a) *Post-Secondary Education*

University or Institution	Degree	Subject Area	Dates
Ohio Wesleyan University	B.A.	Chemistry, Biology	1987-1991
Queen's University	M.D.	Undergraduate Medicine	1992-1996

(b) *Continuing Education / Training (Postgraduate)*

University or Institution	Rank or Title	Dates
Queen's University	Postgraduate Residency Training in Orthopaedic Surgery	1996-2001
Queen's University	Executive Masters of Business Administration (MBA)	2007-2009

(c) *Continuing Medical Education (Fellowship Training)*

University or Institution	Type	Detail
University of Western Ontario	Sports Medicine & Arthroscopy Fellowship	Aug 2001-July 2002
Mayo Clinic	Adult Shoulder & Elbow Reconstruction Fellowship	Aug 2002-July 2003

(d) *Special Professional Qualifications*

Canadian Academy of Sports Medicine Diploma 2002 (Dip. Sport Med)

6. **EMPLOYMENT RECORD**(a) *Prior to coming to UBC*

University, Company or Organization	Rank or Title	Dates
Nanaimo Regional General Hospital	Staff Orthopaedic Surgeon	Oct 2003 – Oct

		2006

(b) *At UBC*

University, Company or Organization	Rank or Title	Dates

(c) *Date of granting of tenure at U.B.C.:*

## 7. LEAVES OF ABSENCE

University, Company or Organization at which Leave was taken	Type of Leave	Pay Status	Detail	Dates
None				

## 8. TEACHING

(a) *Areas of special interest and accomplishments*

- Shoulder and Elbow Surgery including arthroscopic reconstructive surgery and arthroplasty of the shoulder and elbow.
- Knee Reconstruction Surgery; Joint Preservation and Cartilage Restoration.

(b) *Courses Taught at UBC*

Year	Session	Course Number or Description	Scheduled Hours	Class Size
2008	Fall	MSK Clinical Skills Med Yr 2	15	6
2009	Fall	MSK Clinical Skills Med Yr 2	5	6
2010	Fall	MSK Clinical Skills Med Yr 2	10	6

Hours Taught			
Lectures	Tutorials	Labs	Other
2008: 4	2008: 10.5		
2009: 4	2009: 12	2009: 5	
2010: 4	2010: 12	2010: 12	

(c) *Students Supervised*

<b>Student Name</b>	<b>Program Type</b>	<b>Program Detail</b>	<b>Year Start</b>	<b>Year Finish</b>	<b>Principal Supervisor</b>	<b>Co-Supervisor(s)</b>	<b>Current Position/Awards</b>
Ryan Degen	Med Student	(McMaster) Clinical Clerk	Dec 2007		CHIN		
Marie-France Rancourt	Med Student	(Laval) Clinical Clerk	Sept 2008		CHIN		
Brian Smilovici	Med Student	(McGill) Clinical Clerk	Oct 2007		CHIN		
Danny Gillis	Med Student	(Ottawa) Clinical Clerk	Oct 2008		CHIN		
Nicole Holm	Med Student	(McMaster) Clinical Clerk	2010		CHIN		
Jeraldine Chan	Med Student	(UBC)	2010		CHIN		
Alex Leung	Med Student	(UBC)	2011		CHIN		
UBC Fellows	Sports Medicine & Arthroscopy	Clinical Fellow	2006-Current		CHIN		
UBC Ortho Residents	Orthopaedic Surgery	PGY-3 to PGY-5	2006-Current		CHIN		

*(d) Continuing Education Activities***2007:**

January 18 – Resident Knee Course  
 January 30- - Ortho teaching rounds “elbow arthroscopy”  
 February 7 – AMG sports rounds “shoulder impingement”  
 Ortho grand rounds: weekly  
 April 24-29 – Stryker Meeting – San Francisco  
 May 3 Orthopaedic update CME  
 May 4 – Orthopaedic update – ACL complications workshop: Speaker  
 May 4 – Orthopaedic update – shoulder arthroscopy bioskills  
 May 5 – AMSMC Whistler  
 May 22 – Resident teaching session  
 June 7 – Resident’s arthroscopy course  
 June 19 – Resident teaching  
 July 4 – Sports Med Rds – DJ ortho  
 July 7-10 – Arthrex Great Slave Lake Mtg; Master’s Shoulder Meeting  
 July 11-15 – AOSSM annual mtg., Calgary, AB  
 October 10 – Residents’ practice oral exams  
 November 23 – Fellows interview  
 November 27 – 29 – Canadian Sports medicine leadership forum – Florida

**2008**

Weekly Orthopaedic Grand Rounds  
 Resident Teaching

**2009**

Weekly Orthopaedic Grand Rounds  
 Weekly Divisional Sports / Arthroscopy Rounds  
 June: ArthroMunich in Munich, Germany.  
 July: COA Annual Meeting in Whistler. Participant and Speaker  
 September: Course Instructor at Resident Teaching Lab: Knee Arthroscopy  
 Speaker at the Allan McGavin Sports Medicine Symposium November 2009  
 Speaker at Kintec Footlabs Workshops for GPs February 2009

## 2010

Weekly Orthopaedic Grand Rounds  
 Weekly Division Sports/Arthroscopy Rounds  
 Journal Club on Shoulder Arthroplasty May 2010  
 Resident Teaching

(e) *Visiting Lecturer (indicate university/organization and dates)*  
 Presented at the Annual Allan McGavin Sports Medicine Clinic Spring Whistler Meeting: May 2008 and 2010

(f) *Other*

- Involved in medical student teaching (i.e. Clinical skills and Small Group Sessions) throughout residency training in orthopaedics at Queen's University (1996-2001) and University of Western Ontario (2002).
- Chief Resident (PGY-5) involved in junior resident clinical teaching, education rounds and grand rounds.
- Lecture in Sports Medicine to 1<sup>st</sup> year Medical school class at University of Western Ontario. (2002)
- Teaching Lab Instructor at Fowler-Kennedy Sport Medicine Centre's Arthroscopy Learning Centre. (2002)
- Involved in academic conferences and arthroscopic teaching laboratory for Orthopaedic residents at Mayo Clinic. (2003)
- Teaching Lab Instructor at Mayo Elbow Course. (May 2003)
- Pfizer CME Program Presentations to local GPs, Nursing/OR Staff in Nanaimo and Port Alberni on "Orthopaedic Surgery Update: Sports Medicine and Upper Extremity Surgery" (2004-2005)
- Teaching Lab Faculty at Mayo Elbow Course. (May 2005)
- Community Public Lectures on "Orthopaedics Update: the Aging Athlete" in Nanaimo, Parksville and Qualicum Beach. (2005)
- Clinical Clerkship Preceptor for UBC Medical Students rotating through NRGH. (2005)

## 9. SCHOLARLY AND PROFESSIONAL ACTIVITIES

(a) *Areas of special interest and accomplishments*

- Clinical Outcomes research in Shoulder, Elbow and Knee reconstruction surgeries.
- Image and/or Computer-assisted Upper Extremity and Knee Surgery.

- Health Practice Economics in Orthopaedic Surgery for the 21<sup>st</sup> century.

(b) *Research or equivalent grants (indicate under COMP whether grants were obtained competitively (C) or non-competitively (NC))*

Granting Agency	Subject	COMP	\$ Per Year	Year	Principal Investigator	Co-Investigator(s)
Hip Hip Hooray	Long term outcomes of PCL reconstruction	(C)	10,000	2002	Chin, P	Roe, J and Fowler, P
COF	AC ligament reconstruction: Biomechanics Study	(C)	5000	2009	Chin, P	Lodhia, P, Wilson, D
BC Sports Medicine Foundation	AC ligament reconstruction: Biomechanics Study	(C)	5000	2009	Chin, P	Lodhia, P, Wilson, D

(c) *Research or equivalent contracts (indicate under COMP whether grants were obtained competitively (C) or non-competitively (NC)).*

Granting Agency	Subject	COMP	\$ Per Year	Year	Principal Investigator	Co-Investigator(s)

(d) *Invited Presentations*

- **Complications of ACL Reconstruction Surgery**; presenter/moderator; UBC Ortho Update, May 2008
  - **Osteochondral Transplantation Surgery: Autograft or Allograft?**; Speaker; UBC Ortho Update May 2009.
  - Current Concepts: Revision Total Shoulder Arthroplasty; Speaker; Ortho Update May 2010.
  - Symposium on Shoulder Instability Surgery; Panel Expert!; Ortho Update May 2010
- **"Recontouring Osteotomy for the Treatment of Extension Malunions of the Distal Humerus"** (T. Blaine, P. Chin, S. W. O'Driscoll)
    - Presented at the 2004 AAOS Annual Meeting and ASES Specialty Day in San Francisco.
  - **"Long Term Results of Open Acromioplasty: A 20-year perspective"** (P. Chin, R. H. Cofield and J. W. Sperling)
    - Presented at the 2004 AAOS Annual Meeting in San Francisco.
  - **Revision shoulder arthroplasty with positive intraoperative cultures: The value of preoperative studies and intraoperative histology.** (M. Topolski, P. Chin, J. W. Sperling, and R. H. Cofield)
    - Presented at the 2004 AAOS Annual Meeting and ASES Specialty Day in San Francisco.
    - Presented at the 2004 World Shoulder Surgery Congress Meeting in Washington DC.
  - **"Complications of Total Shoulder Arthroplasty: An Update from the last 10 Years"** (P. Chin, R. H. Cofield, and J. W. Sperling)
    - Presented at the 2004 AAOS Annual Meeting and ASES Specialty Day in San Francisco.
    - Presented at the 2004 World Shoulder Surgery Congress Meeting in Washington DC.
  - **Subtrochanteric Hip Fractures: A study comparing Dynamic Condylar Screw with Russell-Taylor Reconstruction Nail with Relation to Bone Density.** (Chin P., Birchard, J., Borschneck D., Fenton, P)

- Podium presentation at the 1999 Canadian Orthopaedic Research Society Meeting at St. John's Newfoundland.
- Podium presentation at the 33rd American Academy Resident's Research Meeting at St. Louis, Missouri, February 2000.
- Received the Award for Excellence in Resident Research from Physicians' Services Inc. Foundation, July 2000.

■ **Queen's Orthopaedic Spine Research Group:** (*Chin, P., Fern, K., Yen, D.*)

- Research Coordinator of a Prospective Two-year Functional Outcome Study in Spinal Stenosis and Lumbar Disc Surgery.
- Correlating CT 2D measurements with functional outcomes.
- Development of 3D imaging of Spinal canal from helical CT Scans.
- Podium presentation at the 2001 Canadian Orthopaedic Association Annual Meeting at London, Ontario.
- Research funding from Hip Hip Hooray Canadian Orthopaedic Foundation

(e) *Other Presentations*

"Approach to Mechanical Knee Pain"; CME Session for Metro Vancouver GPs, February 18, 2009  
 Department of Orthopaedic Grand Rounds: Case Presentations November 2008, January 2009  
 Department of Orthopaedic Grand Rounds: Joint Preservation Program at UBC, March 11, 2009

(f) *Other*

(g) *Conference Participation (Organizer, Keynote Speaker, etc.)*

Guest Speaker at the Allan McGavin Sports Medicine Symposium; November 2009.

Guest Speaker at Ortho Update, Department of Orthopedics, UBC, May 2009, 2010

Invited Faculty at the Depuy Master's Shoulder Arthroplasty Course in Vancouver, BC on June 11, 2010.

Faculty Instructor at the Smith & Nephew Arthroscopic Rotator Cuff Repair Lab at the COA in Edmonton, AB on July 2010

Faculty instructor at the Arthrex Florida Sports Medicine Course in Naples, FL on October 23-26<sup>th</sup>, 2010

Faculty and Lab Instructor at the Vancouver Linvatec Sports Medicine Course in Vancouver, BC on November 12-13<sup>th</sup>, 2010.

Faculty and Lab Instructor at the Zimmer TM Reverse Total Shoulder Arthroplasty Course in Parsippany, NJ on February 4-5<sup>th</sup>, 2011.

Faculty and Lab instructor at the Zimmer TM Reverse Total Shoulder Arthroplasty Course in San Francisco, CA on March 9-10<sup>th</sup>, 2011.

## 10.1 **SERVICE TO THE UNIVERSITY**

(a) *Memberships on committees, including offices held and dates*

(b) *Other service, including dates*

August 2007 – Current: Orthopaedic Consultant UBC Football Team

2007-Current: Orthopaedic Consultant for UBC Athletics/ UBC Student Health

## 10.2 **SERVICE TO THE HOSPITAL**

(a) *Memberships on committees, including offices held and dates*

2008: Lead and represented clinical experts on RFP evaluation panel for Ortho Athletic for combined regions FHA/VCH.

(b) *Other service, including dates*

## 11. SERVICE TO THE COMMUNITY

### (a) *Memberships on scholarly societies, including offices held and dates*

Active Member of the British Columbia Medical Association (BCMA) and BC College of Physicians and Surgeons (License #17134).

Ontario Medical Association (OMA) - inactive

Minnesota Medical Association (MMA) - inactive

Active member of the Canadian Medical Association (CMA) 2003-current

Active member of the Canadian Academy of Sport Medicine (CASM) 2002-current

Active candidate member of the American Association of Orthopaedic Surgeons (AAOS) 2002-current

Fellow of the Royal College of Physicians and Surgeons of Canada 2001-current

Licensed by the College of Physicians and Surgeons of Ontario and Medical Board of Minnesota (License #45417)

### (b) *Memberships on other societies, including offices held and dates*

Medical Director for the 2007 BC Seniors Summer Games in Nanaimo, BC.

Central and North Island Director for B.C. Orthopaedic Association 2004-2006

Executive Board Director representing UBC/VCH for B.C. Orthopaedic Association 2007-2009

Economics Advisor for the B.C. Orthopaedic Association 2010-current

Active member of the Canadian Medical Protective Association (CMPA) 2001-current

### (c) *Memberships on scholarly committees, including offices held and dates*

### (d) *Memberships on other committees, including offices held and dates*

### (e) *Editorships (list journal and dates)*

### (f) *Reviewer (journal, agency, etc. including dates)*

Reviewer for e-articles for the Year Book of Hand and Upper Limb Surgery, Elsevier Publications, Philadelphia, USA. 2009- current.

### (g) *External examiner (indicate universities and dates)*

### (h) *Consultant (indicate organization and dates)*

Zimmer Inc. Jan 2011 to current.

### (i) *Other service to the community*

- Volunteer Physician at the 2001 Canada Summer Games in London, Ontario.
- Team Physician for University of Western Ontario Football Team, 2001.

- Volunteer Team physician for Rochester Community and Technological College Football team, 2002.
- Team surgeon for Team Canada at the 2005 World University Games at Izmir, Turkey.
- Orthopaedic Consultant for Nanaimo Clippers and Port Alberni Bulldogs of the BCHL, 2004-2006.
- Resident team physician of the Kingston Frontenacs Hockey Club, Ontario Hockey League, 1999/2000.
- Volunteer Student Physician of the Queen's University Men's Hockey Team, 1993-95.
- Established an Acute Sports Injury Clinic at NRGH in partnership with Nanaimo Hospital Foundation and Vancouver Island Health Authority on November 2004. Clinic currently run by 3 Orthopaedic Surgeons and 1 Primary Care Sports Physician.
- Electronic Medical Records Software Development: Member of the Advisory Board for Optimed Software Corporation, a subsidiary of QHR Technologies, Kelowna, BC. 2004-2006.

## 12. **AWARDS AND DISTINCTIONS**

- (a) *Awards for Teaching (indicate name of award, awarding organizations, date)*
- (b) *Awards for Scholarship (indicate name of award, awarding organizations, date)*
- (c) *Awards for Service (indicate name of award, awarding organizations, date)*
- (d) *Other Awards*

## 13. **OTHER RELEVANT INFORMATION (Maximum One Page)**

### Highlights:

- Completed a New Ventures Project on establishing a Private Equity Fund for Medical and Legal Professionals.
- Completing a Management Consulting Project for Division of Arthroscopy and Athletic Injuries (of the Department of Orthopaedics at UBC) to implement a new strategy in a Preventative Care Model
- Fostered interest in Health Care Economics, building decision analysis models and executive leadership.

**THE UNIVERSITY OF BRITISH COLUMBIA****Publications Record**

SURNAME: CHIN

FIRST NAME: PATRICK

Initials:

MIDDLE NAME(S):

Date: January 2010

**1. REFEREED PUBLICATIONS***(a) Journals*

- **Graft Tensioning in ACL reconstruction: A Systematic Review of Randomized Control Trials** (S. Arneja, M. McConkey, K. Mulpuri, M. Gilbert, P.Chin, W. Regan, J. Leith)
  - Manuscript accepted for publication by *Arthroscopy* in 2008
  - Poster submission accepted to ISAKOS 2009 in Osaka, Japan.
- **Current Concepts of Knee Laxity Testing: A Systematic Review.** (S. Arneja, M. McConkey, S. Luke, P. Chin, W. Regan, J. Leith)
  - Manuscript accepted for publication by *Am J of Sport Med.* in 2008
- **Complete Distal Biceps Brachii Tendon Rupture: A Radiologic Case Study.** (C. King, B. Forrester, P. Chin)
  - Manuscript accepted for publication by *British J of Sport Medicine* in 2008.
- **"Long Term Results of Open Acromioplasty: A 20-year perspective"** (P. Chin, R. H. Cofield and J. W. Sperling)
  - Published in *J Shoulder Elbow Surg* 2007 November; 16(6): 697-700.
- **"Total Elbow Arthroplasty for Neoplastic Pathology"** (G. Athwall, P.Chin, R. Adams, B.F. Morrey)
  - Published in *J Bone and Joint Surg (Br)* 2005 Oct,; 87(10):1369-74
- **"Complications of Total Shoulder Arthroplasty: An Update from the last 10 Years"** ( P. Chin, R. H. Cofield, and J. W. Sperling)
  - Published in [\*J Shoulder Elbow Surg.\*](#) 2006 Jan-Feb;15(1):19-22
- **Revision shoulder arthroplasty with positive intraoperative cultures: The value of preoperative studies and intraoperative histology.** (M. Topolski, P. Chin, J. W. Sperling, and R. H. Cofield)
  - Published in [\*J Shoulder Elbow Surg.\*](#) 2006 Jul-Aug;15(4):402-6

*(b) Conference Proceedings**(c) Other***2. NON-REFEREED PUBLICATIONS***(a) Journals**(b) Conference Proceedings**(c) Other*

- **Patellar Tendonitis: A Review of Elite Basketball and Volleyball Players in British Columbia.** (Chin P., Taunton J.E.)
  - Paper reviewed in *SportsAider*, a publication of the Sports Medicine Council of British Columbia, Fall 1995.

3. **BOOKS**

(a) *Authored*

(b) *Edited*

(c) *Chapters*

4. **PATENTS**

5. **SPECIAL COPYRIGHTS**

6. **ARTISTIC WORKS, PERFORMANCES, DESIGNS**

7. **OTHER WORKS**

8. **WORK SUBMITTED** (including publisher and date of submission)

9. **WORK IN PROGRESS** (including degree of completion)

Book chapter on Complications of ACL surgery for Techniques in Knee Surgery