Christopher Demuth Sharp M.D.
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EDUCATION:

Undergraduate: *Northwestern University*
B.A. in Music, 1986-1990

Pre-Medical: *Rutgers University*
Pre-medical studies, 1992-1993

Medical School: *Dartmouth Medical School*
M.D., 1994-1998

Postgraduate: *Stanford University Medical School*
Internship, Internal Medicine, 1998-99
Residency, Internal Medicine, 1999-01
Chief Resident, Internal Medicine, 2001-02

ADDITIONAL TRAINING:

3/2010-11/2010 *California Health Leadership College, Berkeley CA*
Leadership and Change Management in Healthcare

4/2006-5/2006 *Epic Physician Overview and Core Fundamentals I, Madison WI*
Introduction to Epic System's Application for Clinical Care

11/2005-2/2006 *AMIA 10x10 Distance Learning Course on Biomedical Informatics at OHSU*
Introduction to Clinical Informatics

9/2005-5/2006 *Stanford Physician Leadership Development Program, Stanford CA*
Leadership and Change Management

2/2003 *Institute for Health Care Improvement Collaborative, Boston MA*
Patient Flow and Efficiency

9/2001 *Stanford Faculty Development Seminar*
Care of the Geriatric Patient

7/2001 *Stanford Faculty Development Seminar*
Medical Decision Making

PROFESSIONAL EXPERIENCE:

6/2009 – Present *Stanford University Medical School, Stanford University Hospital and Clinics*
Clinical Associate Professor of Medicine, Department of Medicine

10/2008 – Present *Stanford University Medical School, Stanford University Hospital and Clinics*
Associate Chief Medical Information Officer

4/2008 – 10/2008 *Stanford University Medical School, Stanford University Hospital and Clinics*
Acting Chief Medical Information Officer

2006 – 2008 *Stanford University Medical School, Stanford University Hospital and Clinics*
Medical Director for Clinical Informatics

2005 – 5/2009 *Stanford University Medical School, Stanford University Hospital and Clinics*
Clinical Assistant Professor of Medicine, Department of Medicine

2002 – Present *Stanford University Medical School, Stanford University Hospital and Clinics*
Attending Physician, *Stanford Internal Medical Group*

2002 – 2005 *Stanford University Medical School, Stanford University Hospital and Clinics*
Clinical Instructor, Department of Medicine
Medical Director, D/E Ground Inpatient Wards

2001 – 2002 *Palo Alto Veterans Affairs Hospital, Palo Alto, CA*
Medical Staff, Department of Medicine
Patient Care and Resident Supervision in
Continuity Clinic, Urgent Care and Emergency Services

HONORS:

2005 David A. Rytand Clinical Teaching Award, *Stanford University School of Medicine*
2003 Division of General Internal Medicine Teaching Award, *Stanford University School of Medicine*
2001 Regional ACP-ASIM Clinical Vignette Poster Competition, 2nd Prize
2001 Award for Professionalism in a Member of the Medicine Housestaff
2001 Charles Dorsey Armstrong Award for Excellence in Patient Care
1997 DIHG-Dickey Foundation Fellowship to Study Medicine in a Developing Country

PUBLICATIONS:

BOOK CHAPTERS

2006 DM Bravata, V Sundaram, R Lewis, K Hertz, M Gould, H Paguntalan, KM McDonald, **C Sharp**, J Kim, E Wang, L Chamberlain, L Shieh, J-EC Holty, DK Owens. Asthma Care. Vol 5 of: Shojania KG, McDonald KM, Wachter RM, Owens DK, editors. Closing the Quality Gap: A Critical Analysis of Quality Improvement Strategies. Technical Review 9e Stanford University—UCSF Evidence-based Practice Center, Agency for Healthcare Research and Quality. Contract No. **290-02-0017** (In press - AHRQ to provide the remainder)

2004 Walsh J, Sundaram V, Nayak S, Davies S, Lewis R, Mechanic J, **Sharp CD**, Henne M, Shah, B, Chan JK, Goldstein MK**.** Chapter 5. Quality Improvement Strategies For Hypertension.
In: Shojania KG, McDonald KM, Wachter RM, Owens DK. Closing the Quality Gap: A Critical Analysis of Quality Improvement Strategies, Volume 3 Diabetes Mellitus and Hypertension. (Evidence Report/Technology Assessment No. 9, Prepared by the Stanford University - University of California San Francisco Evidence-based Practice Center under Contract No. 290-02-0017). AHRQ Publication No. 04-0051-3. Rockville, MD: Agency for Healthcare Research and Quality. January 2005.

NON-PEER REVIEWED PUBLICATIONS

9/2004 Anne Chang, M.D.; H. Bradford Hawley, M.D.; Karen E. Kalumuck, Ph.D.; Laurence M. Katz, M.D.; Nancy A. Piotrowski, Ph.D.; Connie Rizzo, M.D., editors.
Magill's Medical Guide, Third Revised Edition.
Sharp CD. Conjunctivitis.

9/2004 Anne Chang, M.D.; H. Bradford Hawley, M.D.; Karen E. Kalumuck, Ph.D.; Laurence M. Katz, M.D.; Nancy A. Piotrowski, Ph.D.; Connie Rizzo, M.D., editors.
Magill's Medical Guide, Third Revised Edition.
Sharp CD. Preventive medicine: Full-body scans.

INTERNAL PUBLICATIONS, NON-PEER REVIEWED

TEACHING MODULES

Sharp, Christopher, MD. "Abnormal Vaginal Bleeding." September 6, 2010.
Sharp, Christopher, MD. "Hypertension – The JNC 7 Guidelines" June 14, 2010.
Sharp, Christopher, MD. "Headache." November 16, 2009.
Sharp, Christopher, MD. "Lower Extremity Edema." April 27, 2009.
Sharp, Christopher, MD. "Abdominal Aortic Aneurysm." October 6, 2008.
Sharp, Christopher, MD. "SSRIs: Practical Aspects of Prescribing." June 23, 2008.
Sharp, Christopher, MD. "Lung Cancer Screening: Latest Evidence." October 8. 2007.
Sharp, Christopher, MD "Dysmenorrhea and Endometriosis" December 6, 2006
Sharp, Christopher, MD "Low Back Pain: Diagnosis and Management" November 6, 2006
Sharp, Christopher, MD "Prevention: What Makes a Good Screening Test?" (revised) July 24, 2006
Sharp, Christopher, MD "Venous Insufficiency" June 12, 2006
Sharp, Christopher, MD "Prevention: What Makes a Good Screening Test?" (revised) July 21, 2005
Sharp, Christopher, MD "Billing and Coding" July 18, 2005
Sharp, Christopher, MD "Towards Optimal Patient Safety: Individual and System Factors in Diagnostic Errors." May 23, 2005
Sharp, Christopher, MD "Syncope." April 18, 2005
Sharp, Christopher, MD "Ophthalmology for the Internist" May 24, 2004
Sharp, Christopher, MD "Prevention: What Makes a Good Screening Test?" March 1, 2004
Sharp, Christopher, MD "Tremor" March 24, 2003

POSTERS / ABSTRACTS:

2006 Schirmer PL, Posley K, **Sharp CD**, Garcia G. Metastatic Prostate Cancer and Refractory GI Bleeding.
ACP California Regional Meeting, Clinical Vignette Abstract and Poster

2003 Hastings SN, **Sharp CD**. Whole-body CT Scans: Hidden Costs.
ACP-ASIM National Convention, Clinical Vignette Abstract and Poster

2002 **Sharp CD**. Pulmonary Arteriovenous Malformation: An Uncommon Cause of Transient Ischemic Attack.
ACP-ASIM National Convention, Clinical Vignette Abstract and Poster

INVITED LECTURES AND PRESENTATIONS:

9/2010 "Not Mine! Closing the Loop on Deferred Verbal Orders", with Connie Taylor, RN, MPA, EpicSystems Advisory Council National Meeting (to faculty), Verona, WI

4/2010 "Chart Etiquette: Documentation for Integrity & Quality", EpicSystems Academic Advisory Council National Meeting (to faculty), Verona, WI
9/2009 "Improving an Ambulatory Roll-Out Midstream" with Lynda Wolfe, RN, EpicSystems User Group National Meeting (to faculty), Verona, WI
4/2009 "Physician Hand-off: Best Practice Using Epic for Sign-Out" with Joseph Kannry MD and Kevin Larsen MD, FACP, EpicSystems Academic Advisory Council National Meeting (to faculty), Verona, WI
3/2009 "Physicians as Go-Live Support" with Kevin Larsen MD, FACP, EpicSystems Physicians Advisory Council National Meeting (to faculty), Verona, WI
3/2008 Stanford Hospitals and Clinics Electronic Health Record Community Physician Forum Part 3
1/2008 Stanford Hospitals and Clinics Electronic Health Record Community Physician Forum Part 2
11/2007 Stanford Hospitals and Clinics Electronic Health Record Community Physician Forum Part 1
5/2007 Appropriate Care Measure "The Future of Quality Care in Pneumonia", Lumetra Appropriate Care Measures Collaborative (to faculty), Los Angeles, CA
2/2007 Appropriate Care Measure "Quality Care in Pneumonia: Updates, Controversies, and Avoiding Pitfalls", Lumetra Appropriate Care Measures Collaborative (to faculty), WebEx
2/2007 Appropriate Care Measure "The Physician's Role in the Quality of Care for Patients with Pneumonia", Lumetra Appropriate Care Measures Collaborative (to faculty), WebEx
11/2006 Appropriate Care Measure "Quality Care in Pneumonia: Updates, Controversies, and Avoiding Pitfalls", Lumetra Appropriate Care Measures Collaborative (to faculty), WebEx
3/2006 "Utilizing Evidenced-Based Medicine to Effect System-Wide Improvements in Care for Patients with Pneumonia", Lumetra Appropriate Care Measures Collaborative (to faculty), Anaheim, CA
7/2004 "Blood Cultures in Patients with Community Acquired Pneumonia", Lumetra Pneumonia Quality Improvement Collaborative (to faculty), Ontario, CA
6/2004 "Pneumococcal Vaccine and Blood Cultures in CAP Patients", Lumetra Pneumonia Quality Improvement Collaborative (to faculty), Fresno, CA
5/2004 Co-presenter, "Getting Started on Your First C.Q.I. Project", Pre-Course at the Society of General Internal Medicine National Conference, Chicago, IL
4/2004 "Pneumococcal Vaccine and Blood Cultures in CAP Patients", Lumetra Pneumonia Quality Improvement Collaborative (to faculty), Sacramento, CA
4/2004 "Evaluation of the Red Eye", Vaden Student Health (to faculty), Stanford
4/2004 "Pneumococcal Vaccine and Blood Cultures in CAP Patients", Lumetra Pneumonia Quality Improvement Collaborative (to faculty), Orange County, CA
3/2004 Co-presenter, "Novel Screening Techniques", Stanford DGIM Clinical Conference (to faculty)
6/2003 "Pneumococcal Vaccine and Community Acquired Pneumonia", Lumetra Pneumonia Quality Improvement Collaborative (to faculty), Ontario, CA
5/2003 "Luxury Health Screening", Vaden Student Health (to faculty), Stanford
4/2003 Co-presenter, "Getting Started on Your First C.Q.I. Project", Workshop at the Society of General Internal Medicine National Conference, Vancouver, BC
5/2002 "Luxury Health Screening", Stanford University Grand Rounds (to faculty)

INVITED LECTURES AND PRESENTATIONS (STUDENTS / RESIDENTS):

2/2011 "Examination and Management of Shoulder", Stanford University Medical School (to residents)
1/2011 "Use and optimization of Stanford's Electronic Medical Record: General Medicine" (to residents)
1/2011 "Ophthalmology for the Internist", Stanford University Medical School (to residents)
10/2010 "Use and optimization of Stanford's Electronic Medical Record: General Medicine" (to residents)
8/2010 "Ophthalmology for the Internist", Stanford University Medical School (to residents)
8/2010 "Use and optimization of Stanford's Electronic Medical Record: General Medicine" (to residents)
7/2010 "Use and optimization of Stanford's Electronic Medical Record: General Medicine" (to residents)
6/2010 "Examination and Management of Shoulder", Stanford University Medical School (to residents)
5/2010 "Ophthalmology for the Internist", Stanford University Medical School (to residents)
5/2010 "Optimizing Patient Sign-out for Medicine Residents" with Neera Ahuja MD, Chris Lee-Messer MD, Patrick Gibbons MD, Kambria Hooper MD, Megan Ramsey MD (to residents)
5/2010 "Use and optimization of Stanford's Electronic Medical Record: General Medicine" (to residents)

4/2010 "Evidence Based Practice" Panel Participation (to students)
3/2010 "Use and optimization of Stanford's Electronic Medical Record: General Medicine" (to residents)
1/2010 "Use and optimization of Stanford's Electronic Medical Record: General Medicine" (to residents)
1/2010 "Examination and Management of Shoulder", Stanford University Medical School (to residents)
12/2009 "Use and optimization of Stanford's Electronic Medical Record: General Medicine" (to residents)
11/2009 "Use and optimization of Stanford's Electronic Medical Record: General Medicine" (to residents)
9/2009 "Examination and Management of Shoulder", Stanford University Medical School (to residents)
8/2009 "Use and optimization of Stanford's Electronic Medical Record: General Medicine" (to residents)
6/2009 "Ophthalmology for the Internist", Stanford University Medical School (to residents)
4/2009 "Use and optimization of Stanford's Electronic Medical Record: General Medicine" (to residents)
4/2009 "Examination and Management of Shoulder", Stanford University Medical School (to residents)
3/2009 "Use and optimization of Stanford's Electronic Medical Record: General Medicine" (to residents)
3/2009 "Use and optimization of Stanford's Electronic Medical Record: Cardiology" (to residents)
2/2009 "Use and optimization of Stanford's Electronic Medical Record: General Medicine" (to residents)
2/2009 "Use and optimization of Stanford's Electronic Medical Record: Cardiology" (to residents)
1/2009 "Ophthalmology for the Internist", Stanford University Medical School (to residents)
1/2009 "Use and optimization of Stanford's Electronic Medical Record: General Medicine" (to residents)
1/2009 "Use and optimization of Stanford's Electronic Medical Record: Cardiology" (to residents)
12/2008 "Use and optimization of Stanford's Electronic Medical Record: General Medicine" (to residents)
12/2008 "Use and optimization of Stanford's Electronic Medical Record: Cardiology" (to residents)
11/2008 "Use and optimization of Stanford's Electronic Medical Record: General Medicine" (to residents)
11/2008 "Use and optimization of Stanford's Electronic Medical Record: Cardiology" (to residents)
10/2008 "Examination and Management of Shoulder", Stanford University Medical School (to residents)
10/2008 "Ophthalmology for the Internist", Stanford University Medical School (to residents)
10/2008 "Use and optimization of Stanford's Electronic Medical Record: General Medicine" (to residents)
10/2008 "Use and optimization of Stanford's Electronic Medical Record: Cardiology" (to residents)
9/2008 "Use and optimization of Stanford's Electronic Medical Record: General Medicine" (to residents)
9/2008 "Use and optimization of Stanford's Electronic Medical Record: Cardiology" (to residents)
8/2008 "Ophthalmology for the Internist", Stanford University Medical School (to residents)
8/2008 "Use and optimization of Stanford's Electronic Medical Record: General Medicine" (to residents)
8/2008 "Use and optimization of Stanford's Electronic Medical Record: Cardiology" (to residents)
7/2008 "Examination and Management of Shoulder", Stanford University Medical School (to residents)
7/2008 "Use and optimization of Stanford's Electronic Medical Record: General Medicine" (to residents)
7/2008 "Use and optimization of Stanford's Electronic Medical Record: Cardiology" (to residents)
6/2008 "Use and optimization of Stanford's Electronic Medical Record: General Medicine" (to residents)
6/2008 "Use and optimization of Stanford's Electronic Medical Record: Cardiology" (to residents)
5/2008 "Use and optimization of Stanford's Electronic Medical Record: General Medicine" (to residents)
5/2008 "Use and optimization of Stanford's Electronic Medical Record: Cardiology" (to residents)
5/2008 "Examination and Management of Shoulder", Stanford University Medical School (to residents)
5/2008 "Ophthalmology for the Internist", Stanford University Medical School (to residents)
4/2008 "Electronic Medical Record in the Practice of Medicine" (to medical students)
4/2008 "Examination and Management of Shoulder", Stanford University Medical School (to residents)
3/2008 "Ophthalmology for the Internist", Stanford University Medical School (to residents)
2/2008 "Examination and Management of Shoulder", Stanford University Medical School (to residents)
1/2008 "Ophthalmology for the Internist", Stanford University Medical School (to residents)
10/2006 "Ophthalmology for the Internist", Stanford University Medical School (to residents)
7/2006 "Medical Errors", Stanford University Medical School (to residents)
8/2005 "Ophthalmology for the Internist", Stanford University Medical School (to residents)
9/2004 "Medical Errors", Stanford University Medical School (to residents)
7/2004 "Evaluation of the Red Eye", Stanford University Medical School (to residents)
6/2004 Co-presenter, "Novel Screening Techniques", Stanford University Medical School (to residents)
10/2003 "Evaluation of the Red Eye", Stanford University Medical School (to residents)
4/2003 "Evaluation of the Red Eye", Stanford University Medical School (to residents)

ADDITIONAL TEACHING ACTIVITIES:

2007 Leadership Coach, *Stanford Physician Leadership Development Program*
2006 Instructor, Practice of Medicine Ambulatory Clinical Practicum, 2/06-present
2005 Instructor, Ambulatory Medicine Clerkship Med 313, 6/05-present
2005 Advisory, Resident Quality Improvement Group, 3/05-6/06
2004 Instructor, Preparation for Clinical Medicine – Part C, "Introduction to Clinical Problem Solving"
2004 Instructor, Preparation for Clinical Medicine – Part A, "Physical Exam Skills"
2002 Instructor, Preparation for Clinical Medicine – Part B, "Bedside History and Exam"
2002 Instructor, Preparation for Clinical Medicine – Part A, "Physical Exam Skills"

REVIEW ACTIVITIES:

2007 Member, Data Safety Monitoring Board, Pine Bark Clinical Trial in Cardiac Risk, 10/06-8/08
2007 Member, Abstract Review Committee for Clinical Vignettes, Society of General Internal Medicine Annual Meeting, Toronto
2006 Member, Workshop Review Committee for Innovations in Education, Society of General Internal Medicine Annual Meeting, Los Angeles, CA
2006 Member, Abstract Review Committee for Clinical Vignettes, Society of General Internal Medicine Annual Meeting, Los Angeles, CA
2005 Member, Workshop Review Committee for Clinical Vignettes, Society of General Internal Medicine Annual Meeting, New Orleans, LA
2005 Member, Abstract Review Committee for Clinical Vignettes, Society of General Internal Medicine Annual Meeting, New Orleans, LA
2005 Member, Abstract Review Committee for Clinical Vignettes, Society of General Internal Medicine California Regional Meeting, Los Angeles, CA

MEDICAL INFORMATICS ACTIVITIES:

Leader, Epic EHR to the Community, 2/2011-present
Leader, e-Prescribing Implementation in Ambulatory Clinics, 8/2010-2/2011
Leader, Multi-Media Committee, 1/2010-2/2011
Leader, Optimization of Medication Reconciliation, 12/09-4/10
Member, EHR Community Outreach Project, 10/09-present
Co-Chair, MyHealth Executive Committee, 9/2009-present
Leader, EHR Voice Recognition Pilot, 9/09-3/10
Leader, Optimization of Communication to Referring Providers, 6/09-3/10
Leader, Verbal Orders Completion Project, 12/08-5/2010
Member, Therapeutic Heparin Protocols Revision, 9/08-2/09
Chair, EHR Consumer Portal (MyHealth) Working Group, 7/08-9/2009
Co-Chair, Ambulatory Care Steering Committee, 6/08-present
Member, Cancer Center Steering Committee, 6/08-2/09
Member, Best Practice Alert/Health Maintenance Working Group, 6/07-present
Member, Consumer Portal Working Group, 2/07-7/08
Member, Clinical Content Team 9/06-4/08
Member, Handheld Clinical Information Pilot, 8/06-10/06
Leader, Electronic Inpatient Progress Note Template Design and Implementation, 7/06-12/06
Leader, Medical Informatics Director's Working Group (EHR Oversight), 6/06-present
EHR design, strategic decisions, work-flow decisions, content development, optimization
Member, Epic Design Parameters Team (Institutional System Process Redesign prior to EHR) 1/06-8/06
Member, SHC Governance Council for Information Technology Budget Decisions, 1/06-12/06
Member, Electronic Multi-Disciplinary Documentation Executive Team, 1/06-9/06
Member, Stanford Information Technology Clinical Advisory Group, 4/05-9/06
Member, Electronic Multi-Disciplinary Documentation Physician Advisory Group, 3/05-5/06
Member, Information Technology Patient Care Governance Council, 1/05-6/05

COMMITTEE SERVICE:

Member, Discharge Improvement Project, 2/2011-present
Member, Service Medical Director's Committee, 6/2010-present
Member, Clinic Advisory Council, 4/2010-present
Member, Medication Error Reduction Plan Task Force, 2/10-1/2011
Chair, Health Information Management Services Committee, Stanford Hospital, 3/09-present
Member, Stanford Family Abuse Prevention Council, 3/07-9/07
Physician Leader, SBAR Technique for Hand-offs and Sign-out, 7/06-6/07
Member at Large, Medical Executive Committee, 10/06-present
Leader, Pneumonia Process Excellence Quality Improvement Team: Time to Antibiotic, 1/06-5/06
Member, Early Discharge Process Excellence Quality Improvement Team, 5/05-9/05
Member, Primary Care / Generalist Strategies Working Group, 4/05-8/05
Member, Stanford Hospitalist Program Working Group, 4/05-7/05
Member, Inpatient Diabetes Care Improvement Project, 1/05-5/06
Leader, Redesign of Medicine H&P and Progress Note template, 1/05-4/05
Leader, Electronic Sign-Out Project for Medicine Housestaff, 10/04-7/05
Member, Health Information Management Services Committee, Stanford Hospital, 9/04-3/09
Member, DVT Prevention Quality Improvement Committee, Stanford Hospital, 8/04-8/05
Member, Diabetes Quality Improvement Group, Stanford Medical Group, 3/04-3/06
Member, Community Acquired Pneumonia Quality Improvement Group, Stanford Hospital, 2002-5/09
Leader, Admission Service Selection for Emergency Department Patients project, Stanford, 10/03-1/05
Leader, Internal Medicine – Emergency Medicine Committee, Stanford Hospital, 2002-2006
Member, Inpatient Flow Efficiency Committee, Stanford Hospital, 2002-2006
Member, Department of Medicine Quality Assurance Committee, Stanford Hospital, 2001-2006

COMMUNITY SERVICE:

2002 – 2007 *Arbor Free Clinic, Menlo Park, CA*
- Volunteer, supervisor to medical students caring for uninsured patients

1998 – 2002 *Los Medicos Voladores, Palo Alto, CA*
- Volunteer, medical aid to Mexico

1994-1996 *Women's Information Service & Education, Hanover, NH*
- Director, educator for Domestic Violence Awareness program

1994-1996 *Health Education and Rescue Training, Hanover, NH*
- Treasurer, educator of CPR and First Aid

BOARD CERTIFICATION/LICENSURE:

American Board of Internal Medicine, Certification 8/2001
State Licensure, California, since 7/1999

PROFESSIONAL ORGANIZATIONS:

Member, American Medical Directors of Informatics, 2007 – present
Member, American Medical Informatics Association, 2006 – present
Member, Society of General Internal Medicine, 2001 – present
Member, American College of Physicians, 2001 – present