

COLLEGE OF MEDICINE CURRICULUM VITAE

Terry Lynn Wahls, M.D., M.B.A., F.A.C.P.

March 21, 2014

**I Educational and Professional History**

**A. Higher Education**

<u>Year</u>	<u>Degree</u>	<u>Institution</u>
1976	B.F.A.	Drake University, Des Moines, IA
1978	Pre-Med	Iowa State University, Ames, IA
1982	M.D.	University of Iowa, Iowa City, IA
2001	M.B.A.	University of St. Thomas, Minneapolis, Minnesota

**Postgraduate Medical Education**

<u>Year</u>	<u>Degree</u>	<u>Institution</u>
1982-83	Resident, Obstetrics and Gynecology	Barnes Hospital, Washington University, St. Louis, MO
1983-86	Resident, Internal Medicine	University of Iowa Hospitals & Clinics, Iowa City, IA

**Certification**

<u>Board</u>	<u>Number</u>	<u>Date</u>
American Board of Internal Medicine	106785	1986
Iowa FLEX	550911004	1982
Boot Camp Facilitator	Tor Dahl And Associates	1999
NPI	1932181237	
Medicaid provider number	30857600	

Licensure

<u>State</u>	<u>Date</u>	<u>Perm. /Temp.</u>	<u>Number</u>	<u>Renewal Date</u>
Iowa	1984	Permanent	24297	11/01/2005
Wisconsin	1987	Permanent	28923	Not Renewed

# Terry Wahls MD

## I. Educational and Professional History (Cont)

### B. Professional and Academic Positions

#### 1. Academic

<u>Year</u>	<u>Position</u>	<u>Institution</u>
7/86-9/86	Associate, Internal Medicine	University of Iowa, College of Medicine, Iowa City, IA
1987 - 2000	Staff Physician, Internal Medicine	Marshfield Clinic, Marshfield, Wisconsin
1989-98	Clinical Assistant Professor	University of Wisconsin, Madison Medical Center, College of Medicine, Madison, WI
1998-2000	Clinical Associate Professor	University of Wisconsin, Madison Medical Center, College of Medicine, Madison, WI
2000 - 2009-	Associate Professor, Clinical Professor of Medicine	University of Iowa, College of Medicine, Iowa City, IA University of Iowa, College of Medicine, Iowa City, IA

#### 2. Administrative

<u>Year</u>	<u>Position</u>	<u>Institution</u>
1990-91 and 1993-94	Vice Chairman	Department of General Internal Medicine, Marshfield Clinic, Marshfield, WI
1995-99	Medical Director, Health Screening Unit (Preoperative Center, Occupational Medicine and Clinical Research Program)	Marshfield Clinic, Marshfield, WI
1999	Facilitator, High Performance Boot Camp	Marshfield Clinic, Marshfield, Wisconsin
1999	Team Leader, Marshfield Clinic VISION Statement Development Team	Marshfield Clinic, Marshfield, Wisconsin

# Terry Wahls MD

## I. Educational and Professional History (Cont)

2000-2004	Associate Chief of Staff for Ambulatory Care	Veterans Administration Medical Center, Iowa City, IA
2000-	Associate Division Director for Veteran's Affairs	Division General Internal Medicine, Department of Internal Medicine, University of Iowa
2000-2002	Co- Director, Ambulatory Care Coordinating Committee	VAMC, Iowa City, IA
2000- 2004	Associate Chief of Staff	Iowa City Veterans Health Care System
2001-2002	Chair, Primary Care Subgroup of the Primary Care and Specialty Medicine Service Line	VISN 14
2002-2006	Member, Leadership Council Primary Care Medicine Specialty Service Line	Veteran's Integrated Service Network, Upper Midwest for Minnesota, North and South Dakota, Nebraska and Iowa (VISN 23)
2002-2003	Co- Team Leader, Community Based Outpatient Clinic Analysis Group for VISN 23	VISN 23
2002-2003	Co-Leader, Primary Care Management Module, Business Rules Reconciliation Team	VISN 23
2003-2006	VISN 23 Primary Care and Subspecialty Medicine Service Line Medical Director, (Provided oversight and direction for clinical operations for primary and medical subspecialty clinical	VA Midwest Health Care Network Veteran's Integrated Service Network, for Minnesota, North and South Dakota, Nebraska and Iowa (VISN 23) (Veteran's Health Administration Medical Centers for the Upper Midwest Region)

# Terry Wahls MD

## I. Educational and Professional History (Cont)

	areas in the upper Midwest region)	
2004-	Assistant Chief of Staff	Iowa City VA Medical Center
2006-	Member of the VHA Physician Productivity and Staffing PC Advisory Group (provides guidance to the VHA regarding national standards for physician productivity for primary care and specialty medicine)	Veterans Health Administration, Washington, D.C.
2006-	Member Institutional Review Board 01	Carver College of Medicine, University of Iowa
2006-	Member. Research and Development Committee	Iowa City VAMC
2006-	Co –Chair Primary Care Staff Development Sub-committee (National VA Primary Care work group addressing physician specific issues)	Department of Veteran Affairs Central Office, Primary Care Committee
2008-	Member Institutional Review Board 03	Carver College of Medicine, University of Iowa and Iowa City VAMC
2010	Nonfiction Editor The Examined Life Journal : A Literary Journal of the University of Iowa Carver College of Medicine	Carver College of Medicine University of Iowa

## I. Educational and Professional History (Cont)

### C. Honors and Awards

<u>Year</u>	<u>Honor</u>
1972	National Honor Society Central Community High School, Elkader, IA
1972	Upper Iowa Art Exhibit Best in Show, Fayette, Iowa
1973	Drake Presidential Freshman Scholarship, Drake University, Des Moines, IA
1973	Valedictorian, Central Community High School, Elkader, IA
1975	Fine Arts Scholarship, Drake University, Des Moines, IA
1976	Magna Cum Laude, Drake University, Des Moines, IA
1976	Fine Arts Scholarship, Drake University, Des Moines, IA
1977	18 <sup>th</sup> Place Marathon, Women's Division, Drake Relays, Des Moines, IA
1978	Bronze Medal, 3 <sup>rd</sup> place, Women's Welter Weight, Tae Kwon Do Free Sparring, National AAU Pan-American Trials, Washington, D.C.
1978	Iowa State University High Scholarship Student
1980	1 <sup>st</sup> Dan Black Belt World Tae Kwon Do Association, Iowa City, Iowa
1981	Elizabeth Smith Kennedy Scholarship, Iowa City, Iowa
1982	Free Medical Clinic Scholarship, Iowa City, Iowa
1985	Best Paper Award, Annual Iowa Associate of the American College of Physicians Meeting, Iowa City, Iowa
1987	Outstanding Alumnus, Central Community High School, Elkader, Iowa
1988-1992	Finisher, Birkibiener, 55 KM cross country ski marathon, Hayward, WI
1991	Finisher, Kortoloppet, 23 KM cross country ski marathon, Hayward, WI
2001	Special Contribution Award, Iowa City, Iowa VAMC

# Terry Wahls MD

## I. Educational and Professional History (Cont)

2002	Special Contribution Award, Iowa City, Iowa VAMC
2002	Special Contribution Award, Iowa City, Iowa VAMC
2004	Special Contribution Award, Iowa City, Iowa VAMC
2005	Specialty Contribution Award, Iowa City Veterans Health Care System
2005	Special Contribution Award, VISN 23
2006	Specialty Contribution Award, Iowa City Veterans Health Care System
2007	Center of Aging Best Research Poster, College of Medicine Research Day, University of Iowa Carver College of Medicine, April 2007.
2008	Special Contribution Award, Iowa City, Iowa VAMC
2009	Special Contribution Award, Iowa City, Iowa VAMC

# Terry Wahls MD

## II. Teaching (Cont)

### II. Teaching at the University of Iowa

#### A. Teaching Assignments

##### Classroom, Seminar, Teaching Laboratory

2000	Foundations of Clinical Practice 1	University of Iowa Carver College of Medicine
2003- 2006	Foundations of Clinical Practice 4	University of Iowa Carver College of Medicine
2004- 2007	Foundations of Clinical Practice 2	University of Iowa Carver College of Medicine
2004 – 2007	Foundations of Clinical Practice 2, Physical Exam proctor	University of Iowa Carver College of Medicine
2007	Professional Practice Development	University of Iowa Carver College of Medicine

##### Clinical Teaching (in ward, clinic, or operating room)

<u>(year)</u>	<u>(where teaching occurred)</u>	<u>(wks./year)</u>	<u>(hrs. /wk.)</u>
2003-	3 <sup>rd</sup> year Medical Student Internal Medicine Outpatient clerkship	52	4
2001-	Continuity of Care Clinics (COC), VAMC	52	4
2001-	Acute Treatment Room (ATR)/ Urgent Care (UCC), VAMC	52	4
2001-2004	Ambulatory Core Curriculum	52	1
2000-	Physician Assistant Internal Medicine Outpatient Clerkship	52	
2000-	Continuity of Care Clinics, VA Medical Center, Iowa City, IA	52	4
2000-	Urgent Care Resident Elective	52	4
2000-2004	Allied Providers, UI Faculty and Staff Physicians VAMC, Iowa City, IA	52	1

II. Teaching (Cont)

**B. Graduate student supervision and committees**

Name:

Degree objective:

Outcome:

**C. Other teaching contributions**

Institutional Conferences, Grand Rounds, Journal Clubs, Etc.

2000-2004	Journal Club weekly, Review of relevant Ambulatory Care Articles for the VA staff physicians, Physician Assistants and Nurse Practitioners, VAMC, Iowa City, Iowa
2000-2005	Ambulatory Care Core Curriculum Discussion, Continuity of Care Clinics, VA Medical Center, Iowa City, IA 30 minutes prior to each Continuity of Care Clinic at the VAMC
9/00	Internal Medicine Staff Meeting, Evolution of Physician Culture
11/1/00	Internal Medicine Core Curriculum, Domestic Violence
3/01	Facilitation of Patient Provider Communication Workshop for physicians and allied providers within the primary care department of the Iowa City VAMC.
5/27/01	Internal Medicine Ambulatory Block, The Master Clinician
5/31/01	3 <sup>rd</sup> Year Internal Medicine Resident Retreat, Managed Care Contracting
9/29/01	Quality, Patient Safety and Medical Errors Executive Seminar for MPH and MHA students, UIHC, Iowa City, Iowa
2/22/02	Development of Primary Care Measures in Iowa City VAMC, Executive Seminar for MPH and MHA students, UIHC, Iowa City, Iowa
2/26/02	Women and Medical Leadership Roles American Medical Women's Association, Iowa City, Iowa
6/25/02	Faculty Precepting Skills Workshop Part 1, VAMC, Iowa City, Iowa
6/28/02	Faculty Precepting Skills Workshop Part 2, VAMC, Iowa City, Iowa
7/9/02	Peri-Operative Anticoagulation, VAMC, Iowa City, Iowa
7/9/02	Pre-Operative Evaluations VAMC, Iowa City, Iowa
7/9/02	Advanced Access Roll Out, VAMC, Iowa City, Iowa



II. Teaching (Cont)

- 7/9/02 Faculty Precepting Skills Workshop Part 3, VAMC, Iowa City, Iowa
- 8/12/02 Linguistic Style and Gender Differences: Affects on Clinical Efficiency, Evaluations, Promotions and Harassment for Trainees and Physicians, UIHC, Iowa City, Iowa
- 10/25/02 Clinic and Provider Efficiency Goals and Benchmarks, Primary Care Conference Department of Veterans Affairs and University of Iowa Department of Internal Medicine, Iowa City, Iowa
- 1/9/03 Preoperative Evaluation, Grand Rounds, VAMC, Iowa City, Iowa
- 1/30/03 Pharmacy Issues: Benchmarks, Quality and Costs, Pharmacy Retreat Iowa City Veterans Health Care System, Sheridan Hotel, Iowa City, Iowa
- 5/13/04 Chronic Disease in VISN 23, Ending Needless Suffering Executive Leadership Committee, VISN 23 Strategic Planning Retreat, Hill City, South Dakota
- 12/16/04 Chronic Disease in VISN 23, Ending Needless Suffering, Core Medical Lecture Series, Iowa City Veterans Health Care System, Iowa City, Iowa.
- 1/6-7/05 Stratification of the Current Burden of COPD, CHF, IHD and DM in VISN 23. Executive Leadership Summit: Establishment of Chronic Disease Management in VISN 23, Iowa City VAMC, Iowa City, Iowa
- 3/9/05 Neurology Case Based Learning from the Patient Perspective, Carver College of Medicine, Iowa City, Iowa
- 9/22/05 Pre-Operative Evaluations VA Grand Rounds Iowa City VAMC, Iowa City, Iowa
- 3/9/06 FCP2 The Patient Experience Through The Eyes Of A Physician Colleague, Carver College of Medicine University of Iowa, Iowa City, Iowa
- 5/10/06 Diagnostic Errors Associated with Missed Results, Geriatrics Grand Rounds, VAMC, Iowa City, Iowa
- 5/22/06 Diagnostic Errors Associated with Missed Results, Geriatrics Grand Rounds, VAMC, Iowa City, Iowa
- 6/15/06 Treatment Delay Due to Missed Results, General Internal Medicine Conference, Carver College of Medicine, University of Iowa, Iowa City, Iowa
- 7/6/2006 Diagnostic Error due to Missed Results: What do we know – How great is the Burden? , Internal Medicine Grand Rounds, Carver College of Medicine, University of Iowa, Iowa City, Iowa

## II. Teaching (Cont)

- 7/6/2006 Treatment Delay Due to Missed Results, Pathology Grand Rounds, Carver College of Medicine, University of Iowa, Iowa City, Iowa
- 7/6/2006 Treatment Delay Due to Missed Results, Family Medicine Research Conference, , Carver College of Medicine, University of Iowa, Iowa City, Iowa
- 3/8/2007 The Patient Experience Through The Eyes Of A Physician Colleague, Foundations of Clinical Practice Lecture, Carver College of Medicine University of Iowa, Iowa City, Iowa
- 1/11/2008 The Patient Experience Through The Eyes Of A Physician Colleague, Foundations of Clinical Practice 2 Lecture, Carver College of Medicine University of Iowa, Iowa City, Iowa
- 2/18/2009 The Patient Experience Through The Eyes Of A Physician Colleague, Foundations of Clinical Practice 2 Lecture, Carver College of Medicine University of Iowa, Iowa City, Iowa
- 12/8/2010 Intensive Nutrition for the Brain, Psychiatry Grand Rounds, Carver College of Medicine **Dr. Terry Wahls** with Dr. Nancy Williams
- 2/17/2010 The Patient Experience Through The Eyes Of A Physician Colleague, Foundations of Clinical Practice 2 Lecture, Carver College of Medicine University of Iowa, Iowa City, Iowa
- 1/31/2011 The Patient Experience Through The Eyes Of A Physician Colleague, Foundations of Clinical Practice 2 Lecture, Carver College of Medicine University of Iowa, Iowa City, Iowa
- 2/14/2011 Food As Medicine: Micronutrients and Toxins, Foundations of Clinical Practice 2 Lecture, Carver College of Medicine University of Iowa, Iowa City, Iowa
- 2/14/2011 Intensive Nutrition for Secondary Progressive Multiple Sclerosis, Nutrition Epidemiology, College of Public Health, U of Iowa, Iowa City, Iowa, February 14, 2011
- 9/23/2011 Up From the Chair, Plenary Speaker, African American Conference, Cedar Rapids, Iowa
- 11/11/2011 Minding Your Mitochondria, TEDx Conference, Iowa City, Iowa
- 2/14/2012 Intensive Nutrition Monitoring, Nutrition Epidemiology, College of Public Health, U of Iowa, Iowa City, Iowa
- 2/29/2012 Progressive MS First Hand, Foundations of Clinical Practice 2, Carver College of Medicine, University of Iowa, Iowa

# Terry Wahls MD

## II. Teaching (Cont)

- |            |  |
|------------|--|
| 4/19/2012  | Progressive MS First Hand, Physical Therapy doctoral students, Carver College of Medicine, U of Iowa, Iowa City, Iowa. |
| 10/11/2012 | Food: The Building Blocks for a Better Brain, Plenary Speaker, Abilities in Action, Cedar Rapids, Iowa                 |

### Teaching Committees:

<u>Year</u>	<u>Committee</u>
1987	Alternative Practice Styles, Marshfield Clinic, Marshfield, WI
1987-95	Chair-Preoperative Evaluation (PAME Work Group), Marshfield Clinic, Marshfield, WI
1987-97	Business/Capital Equipment, Marshfield Clinic, Marshfield, WI
1988-1989	Acute Walk-In Service, Marshfield Clinic, Marshfield, WI
1989	Teaching Service, Marshfield Clinic, Marshfield, WI
1989-94	Reimbursement, Marshfield Clinic, Marshfield, WI
1991-92	Consultant-Referral Work Group, Marshfield Clinic, Marshfield, WI
1991-93	Medical Education Committee, Marshfield Clinic, Marshfield, WI
1991-95	Transitional Residency Committee, Marshfield Clinic, Marshfield, WI
1994-1999	Chair/Child Care Work Group, Marshfield Clinic, Marshfield, WI
1995-98	Chair/Screening Committee, Marshfield Clinic, Marshfield, WI
1996-1999	Security Health Plan, Preventive Health Services Disease State Management, Marshfield Clinic, Marshfield, WI
1999	Allied Provider Salary Work Group, Marshfield Clinic, Marshfield, WI

### Medical Student Counseling:

- |         |   |
|---------|---|
| 1993-94 | Transitional Residency, Assistant Director, Marshfield Clinic, Marshfield, WI |
|---------|---|

### National Education Related Presentations:

## II. Teaching (Cont)

### Formal Study to Improve Teaching Abilities:

July 2001	Feedback for Trainees, Dr. Marcie Rosenbaum, July 17, 2001; Iowa City, Iowa
January 2002	Micro Skills, Dr. Marcie Rosenbaum, January 23, 2002; Iowa City, Iowa
May 2002	Micro-Skills for Difficult Learning Situations, Preceptor Workshop, Society of General Internal Medicine, Atlanta, Georgia

### Current Research Concerning Teaching:

#### Local and Regional CME Talks (since 1993 only)

1996	U.S. Preventive Service Task Force Recommendations for Preventive Health Care, 1996, Marshfield Clinic, Marshfield, Wisconsin.
1997	Domestic Violence, Marshfield Clinic, Marshfield, Wisconsin. Health Screening in the Elderly, Faces of Aging Conference, Marshfield Clinic, and Marshfield, Wisconsin.
1998	Domestic Violence, Marshfield Clinic, Marshfield, Wisconsin. DVT Prophylaxis, Marshfield Clinic, Marshfield, Wisconsin. Peri-operative Evaluation, Marshfield Clinic, Marshfield, Wisconsin; Howard Young Medical Center, Minocqua, Wisconsin; St. Mary's Hospital, Merrill, Wisconsin; Marshfield Clinic, Park Falls, Wisconsin. Anticoagulation in the Peri-operative period Marshfield Clinic, Marshfield, Wisconsin  Course Director: Peri-operative Evaluation Marshfield Clinic, Marshfield, Wisconsin (Course aimed at physicians and allied providers providing Peri-operative evaluations and care 8 hours C.M.E.)
1999	The Master Clinician Project Dean Clinic, Madison, Wisconsin
1999	The Master Clinician Project, Marshfield Clinic, Marshfield, Wausau, Merrill, Eau Claire, Chippewa Falls, Rice Lake, Wisconsin
2000 – 2003	Ambulatory Care Journal Club, Weekly Wednesday and Friday Sessions with VAMC staff physicians, nurse practitioners, physician assistants, and UI faculty.
2001	VHA Primary Care Retreat University of Iowa and Course Director, Target audience: UI Faculty, allied providers, Staff physicians and support staff.

II. Teaching (Cont)

- 2001 VISN 23 (North and South Dakota, Minnesota, Nebraska and Iowa) Veteran's Administration Primary Care staff and Affiliated faculty, Lecturers: VISN 23 Staff and Faculty University of Iowa faculty, Primary Care in the VA, University of Iowa College of Medicine and Veteran's Health Administration: Sheraton Hotel, Iowa City, Iowa, Target Audience, VISN 14 (Nebraska and Iowa) Veteran's Administration Primary Care staff and Affiliated faculty, Lecturers: Faculty from Central Office in Washington DC for keynote address: Dr. Mark Stanton, Primary Care Consultant to the VHA, VA Central Office Washington D.C. and University of Iowa faculty
- 2002 Clinic and Provider Efficiency Goals and Benchmarks, Primary Care in the VA, Iowa City, IA
- 2002 Primary Care in the VA, University of Iowa College of Medicine and the Veteran's Health Administration, Sheraton Hotel, Iowa City, Iowa
- 2003 Initiatives in Primary Care Specialty Services Conference, Iowa City VAMC, Iowa City, IA
- 2003 Hypertension JNC 7 Guidelines Specialty Services Conference, Iowa City VAMC, Iowa City, Iowa
- 2005 Implementing Chronic Disease Programs into a Busy Office Practice, Progress in Internal Medicine, Carver College of Medicine, Iowa
- 2005 Pre-Operative Evaluation VA Grand Rounds, VAMC, Iowa City, Iowa
- 2005 Chronic Disease Management in Office Practices Progress in Internal Medicine, Iowa City, Iowa
- 2005 Pre-Operative Evaluation Grand Rounds, Des Moines VA, Des Moines, Iowa
- 2006 Diagnostic Error in VISN 23 due to Missed Imaging Results, Current Status and Next Steps. VISN 23 Integrated Imaging Service Line Annual Meeting, Minneapolis, Minnesota
- 2007 Diagnostic Error due to Missed Results: What do we know – How great is the Burden? , VA Grand Rounds, VA Iowa City Veterans Health Care System, Iowa City, Iowa
- 2008 Doctors and Nurses: How Do We Talk to Each Other? Ophthalmology Grand Rounds, Carver College of Medicine, University of Iowa
- 2011 Intensive Nutrition for Secondary Progressive Multiple Sclerosis, Hawkeye Area Dietetics Association, Iowa City, Iowa

II. Teaching (Cont)

2011 Up From the Chair – Using Intensive Nutrition to Help the Brain and Straighten Teeth, Iowa Dental Association, Coralville, Iowa

D. Course Director

2007- VA Morbidity and Mortality Conference Iowa City VAMC

E. Course Materials (Syllabi, Instructional Web Pages, Computer Lab Materials)

2002 Faculty Precepting Sessions 1, 2 and 3. Information to guide faculty precepting for VA COC and Urgent Care Rotations.

2002 Trainee Orientation: Information to guide trainees during their Primary Care Rotations while at the VAMC, Iowa City, Iowa

2002 New Patient Orientation created to assist Veterans in understanding medical care and system issues relative to their experience with the VAMC. This presentation was created to assist in the enrollment of 11,000 new Veterans fiscal year 2002.

2003 Updated Medical Trainee Orientation CD COC and Urgent Care Rotations

2003 Faculty Precepting Sessions 1, 2, and 3 Information to guide new faculty for VA, COC and Urgent Care Rotations.

2004 FCP 1, Case Based Learning. Multiple Sclerosis. Clinical Case and discussion points for the small groups. Lecture to the Medical Students at the end of the case discussions.

2004 Update Medical Trainee Orientation CD for COC, Urgent Care and ATR rotations

2005 FCP 2: Wrote the case based learning. Neurology Case of Multiple Sclerosis.

2006 FCP 2 Lecture: Patient Experience Through The Eyes of A Physician Colleague

2007 FCP2: Lecture: Patient Experience Through The Eyes of A Physician Colleague

2008 FCP2: Lecture: Patient Experience Through The Eyes of A Physician Colleague

2009 FCP2: Wrote CBL Dr. Koopman Multiple Sclerosis Case and provided the wrap-up lecture.

## III. Scholarship

### A. Publications or Creative Works

Peer-reviewed (If not the primary author, give a brief statement of contribution to this work.)

1. **Wahls TL**, Rubenstein L, Hall M, Snetselaar L: "Assessment of dietary adequacy for important brain micronutrients in patients presenting to a traumatic brain injury clinic for evaluation", *Nutritional Neuroscience*, 2013 September 24.
2. **Wahls TL**. The Seventy Percent Solution. *J Gen Intern Med*. 2011 Oct;26(10):1215-6 doi: 10.1007/s11606-010-1631-3.
3. Bisht B, Darling WG, Grossmann RE, Shivapour ET, Lutgendorf SK, Snetselaar LG, Hall MJ, Zimmerman MB, **Wahls TL**: "A multimodal intervention for patients with secondary progressive multiple sclerosis: feasibility and effect on fatigue" (in press *Journal Alternative and Complementary Medicine*)
4. **Wahls TL**. The Seventy Percent Solution. *J Gen Intern Med*. 2011 Jan 21. (Epub ahead of print).
5. Graham LR, Prussing E, Rosenbaum M, Jewell S, Ter Louw R, McConkey S, **Wahls TL**: "Physician and Nurse Perceptions of the impact of Gender on Interprofessional Communication, Qualitative Health Research" (submitted)
6. Sing H, Hirani K, Kadiyala H, Rudomiotov O, Davis T, Khan M, **Wahls TL**: "Characteristics and Predictors of Missed Opportunities in Lung Cancer Diagnosis: An Electronic Health Record Based Study, *J Clin Oncol*. 2010 July 10;28(20):3307-15. Epub 2010 Jun 7
7. **Wahls TL**, Reese D, Kaplan D, Darling WG: "Rehabilitation with Neuromuscular Electrical Stimulation Leads to Functional Gains in Ambulation in the Setting of Secondary Progressive and Primary Progressive Multiple Sclerosis, A Case Series Report, *J Altern Complement Med*. 2010 Dec; 16(12): 1343-9
8. **Wahls TL**: [name withheld] Crushed Dreams. *J General Internal Medicine, J Gen Intern Med*. 2010 Feb;25(2):167-8.
9. **Wahls TL**, Peleg I: Patient- and system-related barriers for the earlier diagnosis of colorectal cancer. *BMC Fam Pract*. 2009 Sep 15;10(1):65.
10. Reese D, Shivapour E, **Wahls TL**, Dudley-Javoroski, Shields R; Neuromuscular electrical stimulation and dietary interventions to reduce oxidative stress in a secondary progressive multiple sclerosis patient leads to marked gains in function; a case report. *Cases Journal* 2009; August Epub doi: doi: 10.4076/1757-1626-2-7601.
11. **Wahls TL**: The Vaudeville Revue. 2009;(4) <http://www.hektoeninternational.org/Vaudeville.htm>
12. **Wahls TL**, Cram P: Proposed interventions to decrease the frequency of missed test results. *Adv Health Sci Educ Theory Pract*. 2009 Sep;14 Suppl 1:51-6. Epub 2009 Aug 11.

## III SCHOLARSHIP (Cont)

13. **Wahls TL**: What Have I Done? *Ars Medica*; 2009; Spring (2): 71-77.
14. Gordon J R, **Wahls TL**, Carlos RC, Pipino II, Rosenthal G, Cram P: Failure to recognize newly identified aortic dilations in a health care system with an advanced electronic medical record. *Ann Intern Med* 2009; July 7; 151(1):21-7,W5.
15. Nepple KG, **Wahls TL**, Hillis SL, Joudi FN: Gleason score and laterality concordance between prostate biopsy and radical retropubic prostatectomy specimens. *International Braz J Urology*: 2009.
16. Nepple KG, **Wahls TL**: Editorial comment on: Shtricker A, Shefi S, Ringel A, Gillon G. PSA levels of 4.0 – 10 ng/mL and negative digital rectal examination: antibiotic versus immediate prostate biopsy. *International Braz J Urology*: 2009.
17. **Wahls TL**, Cram P: Proposed interventions to decrease the frequency of missed test results. *Adv Health Sci Educ Theory Pract*. 2009; Aug 11. [Epub ahead of print] **Wahls TL**: What Have I Done? *Ars Medica*; 2009; Spring (2): 71-77.
18. Sinsky T, Sinsky C, **Wahls TL**: Response to Sinsky and Sinsky Letter *Mayo Clinic Proceedings*. 2008; August 83(8):961-2.
19. Nepple KG, **Wahls TL**, Hillis SL, Joudi FN: Gleason score and laterality concordance between prostate biopsy and radical retropubic prostatectomy specimens. *J Urology* 2008; April 179(4) s1:639-640.
20. Nepple KG, Joudi FN, Hillis SL, **Wahls TL**: Prevalence of Delayed Clinician Response to Elevated Prostate Specific Antigen Values in Men Subsequently Diagnosed with Prostate Cancer. *Mayo Clinic Proceedings* 2008; April 83 (4):439-48.
21. **Wahls TL**: Diagnostic Errors and Abnormal Diagnostic Tests Lost to Follow Up: A Source of Needless Waste and Delay to Treatment. *Journal of Ambulatory Care Management* 2007; Oct-Dec (4):338-343.
22. **Wahls TL**: Emphasize Chronic Disease Management, Population Health and Integration of Mental Health Care Federal Practitioner. *Federal Practitioner* 2007; 24 (8):65-66.
23. **Wahls TL**: Telling the World. *Annals of Internal Medicine* 2008; Jul 1; 149 (1):61-2.
24. **Wahls TL**: The Primer Never Written. *The American Journal of Medicine* 2008; 121 (6): 549.
25. **Wahls TL**: A Daughter's Duty. *Journal General Internal Medicine* 2008; June (6):887-8. Epub 2007; Dec 13.
26. **Wahls TL**, Jones E, Stewart G, Murphy J, Petzel R: Assessing Provider Satisfaction within a VA Network. *Federal Practitioner* 2007; 24 (11):22, 25-28, 31-32, 35, 38.
27. **Wahls, TL**, Cram P: The frequency of missed test results and associated treatment delays in a highly computerized health system. *BMC Fam Pract*. 2007 May 22;8:32



## III SCHOLARSHIP (Cont)

28. Nepple K, Joudi F, Hillis F and **Wahls, TL**: The Frequency of Prostate Cancers with a Prior Abnormal PSA Value Lost to Follow-up. National Association of Veterans Ambulatory Care Administrators Newsletter 2007; 18 (2):2-5.
29. Forman-Hoffman, V., Little, A., **Wahls, TL**: Barriers to Obesity Management: A Pilot Study of Primary Care Clinicians. BMC Family Practice, 6; 7: 35, [I was the senior clinician who assisted with the development and fielded of the provider survey for the pilot and in the development of the manuscript]
30. **Wahls TL**, Haugen T, Cowell K, Becker W: Improving Diagnostic Results Reporting in the Veterans Administration. Federal Practitioner 2006; 23 (11):24-31.
31. **Wahls TL**, Becker WK, Murphy JP: Diagnostic Errors Due to Missed Results: A Major Patient Safety Issue, Current Status and Next Steps in VISN 23. National Association of Veterans Ambulatory Care Administrators Newsletter 2006; 7 (2):2-5.
32. **Wahls TL**, Haugen T, Cram P: The Continuing Problem of Missed Test Results in an Integrated Health System with an Advanced Medical Record. Joint Commission Journal on Quality and Safety, 33(8):485-492, 2006
33. **Wahls TL**, Murphy JP: VISN 23 Provider Satisfaction Survey: Assessing Satisfaction of Clinical Providers within Primary Care, Specialty Medicine and Mental Health. National Association of Veterans Ambulatory Care Administrators Newsletter 2006; 17 (2): 11-15.
34. **Wahls TL**: Clinical Benefits of the Service Line versus Traditional Organizational Structure, National Association of Veterans Ambulatory Care Administrators Newsletter 2006; 17 (1): 8-10.
35. **Wahls TL**, Barnett MJ, Rosenthal GE: Predicting Resource Utilization in a Veterans Health Administration Primary Care Population: Comparison of Methods Based on Diagnoses and Medications. Med Care 2004; Feb; 42 (2): 123-8.
36. **Wahls TL**, Ting HH, Chaterjee K, Clancy T: Quality, Patient Safety and Medical Errors Resistance and Support for the Federal Recommendations to Address These Concerns. Journal of Ambulatory Care Management 2002; 25 (1), 54-62.
37. **Wahls TL**, Futz DN: The Master Clinician Project. Journal of Ambulatory Care Management 2000; 23 (4):9-21.
38. **Wahls TL**, Olsen KA, Turney SL: Practice Satisfaction and Dissatisfaction in General Internal Medicine Departments of Large Multi-specialty Clinics. Journal General Internal Medicine 1993; 8 (10):578-579.
39. **Wahls TL**, Stene RA, Olsen KA: General Internal Medicine Practice in Large Multi-specialty Clinics. Journal General Internal Medicine 1991; 6 (2):103-107.
40. **Wahls TL**: Medicare Reimbursement Issues Impact the Wisconsin Internist. 24:4, 1990.
41. **Wahls TL**, Stene RA: Short-Term Medical Service in the Developing World. J Am Med Womens Assoc 1989; 44 (1):18-20.

## III SCHOLARSHIP (Cont)

42. **Wahls TL**, Bonsib SM, Schuster VL: Coexistent Wegener's Granulomatosis and Anti-glomerular Basement Membrane Disease. *Human Pathology* 1987; 18 (2):202-205.

### Oral Presentations:

1. Bisht B, Darling W, Lutgendorf S, Shivapour ET, Snetselaar L, Hall M **Wahls TL** A Multimodal Intervention for Progressive Multiple Sclerosis: Combining Nutrition with Physical Therapy. Iowa Physical Therapy Association 2013 Fall Conference, Iowa State University, Ames, Iowa, October 17-19, 2013.
2. Whipple MT, White K, **Wahls TL**. Adult Companion Perspective on Sustaining Multimodal Lifestyle Interventions for Multiple Sclerosis. Medical Student Research Day, Iowa City, IA, Fall 2013.
3. White K, Zimmerman MB, Chenard C, **Wahls TL**. Health Benefits of Micronutrients in Multimodal Intervention to Treat Secondary Progressive Multiple Sclerosis. Midwest Society of General Internal Medicine Regional Meeting, Chicago, IL, Fall 2013.
4. White K, Whipple MT, **Wahls TL**. Subject Perspective on Sustaining Multimodal Lifestyle Interventions for Multiple Sclerosis. Medical Student Research Day, Iowa City, IA, Fall 2013.
5. **Wahls TL**, The Safety and Feasibility of The Wahls Diet™, A Modified Paleo Diet, to Treat Secondary Progressive Multiple Sclerosis, 3<sup>rd</sup> Annual Ancestral Health Symposium, Ancestral Health Society, Atlanta, Georgia, August 16, 2013
6. White K, Chenard C, Zimmerman MB, Snetselaar L, Bisht B, **Wahls TL**. Multimodal Intervention Can Improve Gait in Secondary Progressive Multiple Sclerosis. Health Sciences Research Day, Iowa City, IA, Spring 2013.
5. White K, Chenard C, Zimmerman MB, Snetselaar L, Bisht B, **Wahls TL**. Multimodal Intervention Can Improve Gait in Secondary Progressive Multiple Sclerosis. Internal Medicine Research Day, Iowa City, IA, Spring 2013.
6. **Wahls TL**, Minding My Mitochondria: Recovering Your Brain Using Food, 21<sup>st</sup> Annual Meeting, Brain Injury Association of Iowa, West Des Moines, Iowa, March 8, 2013.
7. **Wahls TL**, Food And Brain Health: Department Of Family Medicine, University of Iowa, Iowa City, Iowa, March 1, 2013.
8. **Wahls TL**, Minding My Mitochondria, 2<sup>nd</sup> Annual Ancestral Health Symposium, Harvard, Cambridge, Mass., August 9, 2012.
9. Up From The Chair - Using Intensive Nutrition to Support the Brain, Functional Nutrition, Institute for Functional Medicine, Hollywood, Florida. December 10, 2010.
10. Nepple KG, Hillis S, **Wahls T**, Joudi FN. Impact of delay from first elevated prostate-specific antigen to radical retropubic prostatectomy. American Urological Association, North Central Section, Scottsdale, Arizona; November 2009. [ I assisted with study design, data acquisition]

### III SCHOLARSHIP (Cont)

- 11 Kaplan D, Shivapour ET, Uc E, Shields R, **Wahls TL**: Neuromuscular electrical stimulation (NMES) improves ambulation in the setting of multiple sclerosis (MS). Midwest Society of General Medicine, Oral presentation VA Symposium, Chicago, Illinois, September 18, 2009.
- 12 Kaplan D, **Wahls TL**: Neuromuscular Electrical Stimulation and Intensive, Focused Nutrition and Multiple Sclerosis, Medical Student Research Day, Carver College of Medicine, University of Iowa, Iowa City, Iowa, September 10, 2009.
- 13 Nepple KG, Hillis SL, **Wahls TL**, Joudi FN. Impact of delay from first elevated prostate-specific antigen to radical retropubic prostatectomy. Society of Urologic Oncology, Bethesda, Maryland; December 2008. [ I assisted with study design, data acquisition]
- 14 Rosenbaum M, Graham L, Prussing E, **Wahls TL**: Perceptions of interaction between female doctors and female nurses. Midwest Society of General Internal Medicine, Chicago, Illinois, September 26, 2008.
- 15 **Wahls TL**, Cram P: Diagnosis Error Associated with Missed Results. American Medical Informatics Association Diagnostic Error Conference, Phoenix, Arizona, June 2, 2008.
- 16 Nepple K, **Wahls TL**, Hillis S, Joudi F: Gleason score and laterality concordance between prostate biopsy and prostatectomy specimen. North Central Section American Urological Association 81st Annual Meeting, Hollywood, Florida, October 29 - November 3, 2007.
- 17 **Wahls TL**, Peleg I: The Many Missed Opportunities for Earlier Diagnosis of Colorectal Cancer. Midwest Society of General Internal Medicine Regional Conference, Chicago, Illinois, September 29, 2007.
- 18 Nepple K, Joudi F, Hillis S, **Wahls TL**: The Frequency of Prostate Cancers with a Prior Abnormal PSA Value Lost to Follow-up. Midwest Society of General Internal Medicine Regional Conference, Chicago, Illinois, September 29, 2007.
- 19 Gordon JR, **Wahls TL**, Carlos P, Cram P: Lost in the Clutter: Missed Aortic Aneurysms in Spite of an Advanced Electronic Medical Record. SGIM National Meeting, 30th Annual SGIM Conference, Toronto, Canada, April 30, 2007.
- 20 **Wahls, TL**, Jones E, Stewart G: Assessment of Provider Satisfaction with Operational Issues Identifies the Key Drivers of Satisfaction and Opportunities for Improvement. SGIM Midwest Meeting, Chicago, Illinois, September 28-29, 2006.
- 21 **Wahls TL**, Cram P: Diagnostic Errors associated with failure to follow up on abnormal results. SGIM Midwest Meeting, Chicago, Illinois, September 28-29, 2006..

#### In Development:

1. Graham LR, Prussing E, Rosenbaum M, Jewell S, Ter Louw R, McConkey, S, **Wahls TL**: Physician and Nurse perceptions of the impact of gender on interprofessional communication.

## III SCHOLARSHIP (Cont)

### Non-peer reviewed papers

1. **Wahls TL:** Mary Ellen: Compass 2007; 19 (3):5.
2. **Wahls TL:** Fixing Healthcare the Right Way, Guest Opinion, Iowa City Press Citizen, April 26, 2009.
3. **Wahls TL:** OP Ed Sunday Des Moines Register, Iowa Views: Health Care The Best Reform- Eating Right, May 24, 2009.

### Books:

1. Wahls TL; Minding My Mitochondria, TZ Press, 2009 ISBN 13:978-0-9821750-9-5
2. Wahls TL; Minding My Mitochondria 2<sup>nd</sup> Edition, TZ Press, 2010 ISBN 13:9782175288
3. Wahls TL, Adamson E: The Wahls Protocol How I Beat Progressive MS Using Paleo Principles and Functional Medicine, Avery (an imprint of Penguin) ISBN 13:978-1583335215

### Chapters:

1. Telling the World, Voices of Multiple Sclerosis, La Chance Publishing Company 2101 ISBN: 9781934184271
2. **Wahls TL:** Sons and Daughters. In Situ Iowa City Press Citizen Press, Iowa City, Iowa 2007.

### Electronic publications:

1. **Wahls TL, Cram P:** The Epidemiology of Missed Test Results and Associated Treatment Delays in Va Primary Care Clinics. Abstracts from the 30<sup>th</sup> Annual Meeting of the Society of General Internal Medicine, Journal of General Internal Medicine 2007; 22 (S1) i-276. Doi: 10.1007/s11606-007-0176-6.
2. Gordon JR, **Wahls TL**, Carlos P, Cram P: Lost in the Clutter: Missed Aortic Aneurysms in Spite of an Advanced Electronic Medical Record Abstracts from the 30<sup>th</sup> Annual Meeting of the Society of General Internal Medicine, Journal of General Internal Medicine 2007; 22 (S1) i-276. Doi: 10.1007/s11606-007-0176-6.
3. **Wahls TL**, Haugen T, Cram P: Risk of Delayed Treatment Due to Missed Results. SCIENTIFIC ABSTRACTS. Journal of General Internal Medicine; 21 (S4), 1-283. Doi: 10.1111/j.1525-1497.2006.00469.x

## III SCHOLARSHIP (Cont)

### Abstracts:

1. **Wahls, TL**, Barnett, MJ, Rosenthal G: Predictive Validity of Ambulatory Care Groups and Chronic Disease Index in predicting resource utilization. Society of General Internal Medicine: Emerging Issues for Generalists. Atlanta, Georgia, May 3, 2002.
2. **Wahls TL**, Graham LR, Jewell S, Prussing E, Rosenbaum M, TerLouw R: Physicians perceive a differential in expectations and responsiveness in nurses towards physicians based upon both the gender of the nurse and the physician. Society of General Internal Medicine 32<sup>nd</sup> Annual Meeting, May 13, 2009.
3. Bisht B, Darling W, Shivapour, Lutgendorf S, Snetselaar L, Hall M, **Wahls TL**. Effects of Intensive Directed Nutrition (IDN), Progressive Exercise Program (PEP) and Neuromuscular electrical stimulation (NMES) on secondary progressive multiple sclerosis (SPMS) Society for Neurosciences (submitted)
4. Bisht B, Darling W, Lutgendorf S, Shivapour ET, Snetselaar L, Hall M **Wahls TL**. Assessment of Intensive Directed Nutrition, Progressive Exercise and Neuromuscular Electrical Stimulation in the Setting of Secondary Multiple Sclerosis, Department of Internal Medicine Research Day, U of Iowa College of Medicine, Iowa City, Iowa, February 10, 2011.
5. Mereick P, Rosenbaum M, **Wahls TL**. Factors Facilitating Adoption of Multimodal Lifestyle Interventions in Patients with Secondary-Progressive Multiple Sclerosis (SPMS) Medical Student Research Day, U of Iowa College of Medicine, Iowa City, Iowa, September 14, 2011.
6. Grogan N, Rosenbaum M, **Wahls TL**. Factors Facilitating Adoption of Multimodal Lifestyle Interventions in Patients with Secondary-Progressive Multiple Sclerosis (SPMS) Medical Student Research Day, U of Iowa College of Medicine, Iowa City, Iowa, September 14, 2011.
7. Bisht B, Darling W, Lutgendorf S, Shivapour ET, Snetselaar L, Hall M **Wahls TL**. Assessment of Intensive Directed Nutrition, Progressive Exercise and Neuromuscular Electrical Stimulation in the Setting of Secondary Multiple Sclerosis, Department of Internal Medicine Research Day, U of Iowa College of Medicine, Iowa City, Iowa, February 12, 2012.
8. White, K Bisht B, Darling W, Lutgendorf S, Shivapour ET, Snetselaar L, Hall M **Wahls TL**. Multimodal Intervention Can Improve Gait in Secondary Progressive Multiple Sclerosis, Undergraduate Research Day, U of Iowa, Iowa City, Iowa, March 24, 2012.

### Reviews:

### Other:

1. **Wahls, TL:** excerpts from *Up from the Chair*, public reading Bayside, Lake Geneva, Wisconsin, July 17, 2009.
2. **Wahls, TL:** excerpts from Letters to My Children, public reading from the Patient Voices Project. Public Library, June 2, 2006.

III SCHOLARSHIP (Cont)

Poster:

- 1 **Wahls, TL:** Predictive Validity of Ambulatory Care Groups and Chronic Disease Index in Predicting Resource Utilization. Primary Care in the VA, Iowa City, Iowa, October 25, 2001.
- 2 **Wahls, TL:** Trainees and University Faculty in the Iowa City VAMC Primary Care Clinics. 2<sup>nd</sup> Annual Primary Care in the VA. Department of Veteran's Health Affairs and University of Iowa Department of Internal Medicine. Iowa City, Iowa October 25, 2002.
- 3 **Wahls, TL, Wheeler, JA:** Advanced Access: The Next Steps. 2<sup>nd</sup> Annual Primary Care in the VA. Department of Veteran's Health Affairs and University of Iowa Department of Internal Medicine. Iowa City, Iowa, October 25, 2002.
- 4 **Wahls, TL; Barnett MJ, Rosenthal G:** ACGs (ICD-9-CM based) have superior predictive validity compared to CDI (pharmacy based) in predicting current and future resource utilization. Society of General Internal Medicine, National Meeting, Atlanta, Georgia. May 3, 2002.
- 5 **Wahls TL, Rosenthal, G, and Barnett MJ:** Predicting Resource Utilization in a Veterans Health Administration Primary Care Population: Comparison of Methods Based on Diagnoses and Medications, Midwest Society of General Medicine Annual Meeting, Chicago, Illinois, September 20, 2003.
- 6 **Wahls TL, Rosenthal, G, and Barnett MJ:** Predicting Resource Utilization in a Veterans Health Administration Primary Care Population: Comparison of Methods Based on Diagnoses and Medications UI Research Day April 3, 2003.
- 7 **Wahls TL, Murphy J:** Assessment of provider Satisfaction with Operational issues Identifies the Key Drivers of Satisfaction and Opportunities for Improvement VA National Primary Care and Preventive Medicine Conference, Washington DC, July 18, 2006.
- 8 **Wahls TL, Murphy J:** VISN 23 Treatment Delays and Diagnostic Error Due to Missed Results VA National Primary Care and Preventive Medicine Conference, Washington DC, July 18, 2006.
- 9 **Wahls TL, Cram P:** Diagnostic Errors associated with failure to follow up on abnormal results Society of General Medicine Annual Meeting, Chicago, Illinois, September 28-29, 2006.
- 10 **Wahls TL, Haugen T, Cram P:** Risk of Delayed Treatment Due To Missed Results Network Director's Reception, Annual VA HSRD Meeting, Washington, D.C. February 15, 2006.
- 11 **Wahls, TL, Jones E, Stewart G** Assessment of Provider Satisfaction with Operational Issues Identifies the Key Drivers of Satisfaction and Opportunities for Improvement SGIM Midwest Meeting, Chicago, Illinois, September 28-29, 2006.
- 12 **Wahls TL, Cram P:** Epidemiology of Missed Test Results and Associated Treatment Delays in Va Primary Care Clinics College of Medicine Research Week, Univeristy of Iowa Carver College of Medicine April 17, 2007.

## III SCHOLARSHIP (Cont)

- 13 **Wahls TL**, Cram P: Epidemiology of Missed Test Results and Associated Treatment Delays in Va Primary Care Clinics Internal Medicine Research Day, University of Iowa Carver College of Medicine April 3, 2007.
- 14 Nepple K, Joudi F, Hillis S, **Wahls TL**: The Frequency of Prostate Cancers with a Prior Abnormal PSA Value Lost to Follow-up Internal Medicine Research Day, University of Iowa Carver College of Medicine April 3, 2007.
- 15 Nepple K, Joudi F, Hillis S, **Wahls TL**: The Frequency of Prostate Cancers with a Prior Abnormal PSA Value Lost to Follow-up College of Medicine Research Week, University of Iowa Carver College of Medicine, April 17, 2007.
- 16 **Wahls TL**, Cram P: The Epidemiology of Missed Test Results and Associated Treatment Delays in Va Primary Care Clinics Internal Medicine Research Day, University of Iowa Carver College of Medicine, April 17, 2007.
- 17 **Wahls TL**, Cram P: The Epidemiology of Missed Test Results and Associated Treatment Delays in Va Primary Care Clinics SGIM National Meeting, 30th Annual SGIM Conference, April 30, 2007, Toronto, Canada.
- 18 Peleg I, **Wahls TL**: Potential Efficacy of Colorectal Cancer Screening with Flexible Sigmoidoscopy in the Middle-Aged and Elderly, Midwest Society of General Internal Medicine Regional Conference, Chicago, Illinois, September 29, 2007.
- 19 Nepple K, Joudi F, Hillis S, **Wahls TL**: Evaluation of Delay in Clinician Response to Elevated PSA in Men Subsequently Diagnosed with Prostate Cancer American Urological Association Meeting, Orlando, Florida. May 17-22, 2008.
- 20 Nepple K, **Wahls TL**, Hillis S, Joudi F: Gleason Score and Laterality Concordance between Prostate Biopsy and Radical Retropubic Prostatectomy Specimen American Urological Association Meeting, Orlando, Florida.. May 17-22, 2008.
- 21 **Wahls TL**, Graham L, Jewell S, Prussing E, Rosenbaum R: Women Physicians Perceive a Gender Based Differential in Expectations and Responsiveness of Women Nurses to Women Physicians Internal Medicine Research Day, University of Iowa Carver College of Medicine, April 16, 2008.
- 22 **Wahls TL**, Graham L, Jewell S, Prussing E, Rosenbaum R: Women Physicians Perceive a Gender Based Differential in Expectations and Responsiveness of Women Nurses to Women Physicians College of Medicine Research Week, University of Iowa Carver College of Medicine, January 31, 2008.
- 23 **Wahls TL**, Graham L, Jewell S, Prussing E, Rosenbaum R: Women Physicians Perceive a Gender Based Differential in Expectations and Responsiveness of Women Nurses to Women Physicians, Internal Medicine Research Day, University of Iowa Carver College of Medicine, January 31, 2008.
- 24 **Wahls TL**, McConkey S, Rosenbaum M: The Development of Interactive Training with the Aim of Improving Physician-Nurse Communicative Behaviors College of Medicine Research Week, University of Iowa Carver College of Medicine, April 2, 2008.

## III SCHOLARSHIP (Cont)

- 25 **Wahls TL**, McConkey S, Rosenbaum M: The Development of Interactive Training with the Aim of Improving Physician-Nurse Communicative Behaviors, Internal Medicine Research Day, University of Iowa Carver College of Medicine, January 31, 2008
- 26 **Wahls TL**, Graham L, Jewell S, Prussing E, Rosenbaum R: Women Physicians Perceive a Gender Based Differential in Expectations and Responsiveness of Women Nurses to Women Physicians. 31<sup>st</sup> Annual Society of General Internal Medicine Conference, Pittsburg, PA, April 11, 2008.
- 27 Nepple K, Joudi F, Hillis S, **Wahls TL**: Evaluation of Delay in Clinician Response to Elevated PSA in Men Subsequently Diagnosed with Prostate Cancer. Annual Society of General Internal Medicine Conference, Pittsburg, PA, April 11, 2008.
- 28 Peleg I, **Wahls TL**: Missed Opportunities for Earlier Diagnosis of Colorectal Cancer Occur. Annual Society of General Internal Medicine Conference, Pittsburg, PA, April 11, 2008.
- 29 **Wahls TL**: The Epidemiology of Missed Results and Associated Treatment Delays, American Medical Informatics Association Diagnostic Error Conference, Phoenix Arizona June 2, 2008.
- 30 Ter Louw R, Graham LR, Jewell S, Prussing E, Rosenbaum M, **Wahls TL**: Physicians perceive a differential in expectations and responsiveness in nurses towards physicians based upon both the gender of the nurse and the physician. Medical Student Research Day, September 29 2008
- 31 Ter Louw R, Graham LR, Jewell S, Prussing E, Rosenbaum M, **Wahls TL**: Physicians perceive a differential in expectations and responsiveness in nurses towards physicians based upon both the gender of the nurse and the physician. Internal Medicine Research Day, January 29, 2009.
- 32 Singh H, Hirani K, Kadiyala H, Rudomiotov O., Davis; T, Khan M, **Wahls TL**: Lung Cancer Diagnosis In The Era Of Electronic Medical Records . Annual Society of General Internal Medicine Conference, Miami, Florida, May 15, 2009.
- 33 **Wahls TL**: Personalized Medicine First Hand: Overcoming Secondary Progressive MS, 16<sup>th</sup> Annual Meeting of Society of Free Radical Biology and Medicine, San Francisco, CA, November 21, 2009.
- 34 Bisht B, Darling W, Lutgendorf S, Shivapour ET, Snetselaar L, Hall M **Wahls TL**. Assessment of Intensive Directed Nutrition, Progressive Exercise and Neuromuscular Electrical Stimulation in the Setting of Secondary Multiple Sclerosis, Department of Internal Medicine Research Day, U of Iowa College of Medicine, Iowa City, Iowa, February 10, 2011.
- 35 **Wahls TL**, Darling W, Lutgendorf S, Shivapour ET, Snetselaar L, Hall M. Preliminary data from Intensive Directed Nutrition (IDN), Progressive Exercise (PEP) neuromuscular electrical stimulation (NMES) and secondary progressive multiple sclerosis (SPMS), Department of Internal Medicine Research Day, U of Iowa College of Medicine, Iowa City, Iowa, February 10, 2011 and Carver College of Medicine Research Day, U of Iowa, Iowa City Iowa, April 14, 2011.
- 36 Bisht B, Darling W, Lutgendorf S, Shivapour ET, Snetselaar L, Hall M., **Wahls TL**: Effects of Intensive Directed Nutrition (IDN), Progressive Exercise Program (PEP) and Neuromuscular electrical stimulation (NMES) on secondary progressive multiple sclerosis (SPMS) Neurosciences 2011 Annual Meeting, Accepted as Newsworthy August 10, 2011. Poster November 13, 2011.



III SCHOLARSHIP (Cont)

- 37 Grogan N, Rosenbaum M, **Wahls TL**. Factors Facilitating Adoption of Multimodal Lifestyle Interventions in Patients with Secondary-Progressive Multiple Sclerosis (SPMS) Medical Student Research Day, U of Iowa College of Medicine, Iowa City, Iowa, September 14, 2011
- 38 Bisht B, Darling W, Lutgendorf S, Shivapour ET, Snetselaar L, Hall M **Wahls TL**. Assessment of Intensive Directed Nutrition, Progressive Exercise and Neuromuscular Electrical Stimulation in the Setting of Secondary Multiple Sclerosis, Department of Internal Medicine Research Day, U of Iowa College of Medicine, Iowa City, Iowa, February 12, 2012.
- 39 White, K Bisht B, Darling W, Lutgendorf S, Shivapour ET, Snetselaar L, Hall M **Wahls TL**. Multimodal Intervention Can Improve Gait in Secondary Progressive Multiple Sclerosis, Undergraduate Research Day, U of Iowa, Iowa City, Iowa, March 24, 2012.
- 40 Irish AK, **Wahls TL**, Snetselaar LG, Darling WG. Evaluation of a Modified Paleolithic Dietary Intervention in the Treatment of Relapsing-Remitting Multiple Sclerosis Research in the Capital Des Moines, Iowa, March 26, 2013.
- 41 Irish AK, **Wahls TL**, Snetselaar LG, Darling WG. Evaluation of a Modified Paleolithic Dietary Intervention in the Treatment of Relapsing-Remitting Multiple Sclerosis Spring Undergraduate Research Festival (SURF) Iowa City, Iowa, April 10, 2013
- 42 Irish AK, **Wahls TL**, Snetselaar LG, Darling WG. Evaluation of a Modified Paleolithic Dietary Intervention in the Treatment of Relapsing-Remitting Multiple Sclerosis 14th Annual Student Interdisciplinary Health Research Poster Session Iowa City, Iowa, April 23, 2013.
- 43 Irish AK, **Wahls TL**, Snetselaar LG, Darling WG. Evaluation of a Modified Paleolithic Dietary Intervention in the Treatment of Relapsing-Remitting Multiple Sclerosis Ancestral Health Symposium Atlanta, Georgia, August 16, 2013.
- 44 Irish AK, **Wahls TL**, Snetselaar LG, Darling WG. Evaluation of a Modified Paleolithic Dietary Intervention in the Treatment of Relapsing-Remitting Multiple Sclerosis Fall Undergraduate Research Festival (FURF) Iowa City, Iowa December 4, 2013

**B. Areas of Research Interest and Current Projects**

1. Electrotherapy, nutrition and progressive multiple sclerosis
2. Nutrition and Patients Referred for Possible Traumatic Brain Injury
3. Communication between physicians and between physicians and nurses
4. Diagnosis errors associated with diagnostic tests results management and reporting
5. Provider Satisfaction Within the Veterans Health Administration
6. Factors influencing success of computerized clinical reminders in VA database
7. Improvement in the management of complex ambulatory post-MI patients in community based outpatient clinics

III SCHOLARSHIP (Cont)

C. Published Reviews of Scholarship

D. Grants Received

**Federal:**

<u>Title:</u>	<u>Amount</u>	<u>Period</u>	<u>% Effort</u>
Factors Influencing the Success of Computerized Clinical Reminders in VA (VA HSR&D TRX 01-082, PI: Rothendler, Site PI: Wahls)	\$498,300	2/2002-12/2007	5%
VA MI-Plus: Web-Enhanced Guideline Implementation for Post MI CBOC Patients (VA HSR&D SDR 03-090, PI: Kennedy, Site PI: Wahls)	89,150	9/1/2003 – 12/31/2008	2.5%
Provider Satisfaction Survey (VISN 23, PI: Wahls)	\$15,000	2005-2006	20%
Effectiveness of Care Coordination in Managing Medically Complex Patients Implementing (VA HSR&D, PI: Wakefield, Co-I: Assisted PI with development of Intervention Design Wahls)	\$824,758	10/2004 – 9/2007	5%
A Telehealth Application of the MOVE! Program for Obesity (VA HSR&D RRP 06-158, PI: Hoffman, Co-I: Assisted with design of intervention: Wahls)	\$49,969	4/1/2006 – 9/30/2006	10%
Conversion from VA Primary Care Conference into Research Account (PI: Wahls)	\$25,868.56	2006 – on going	10%

# Terry Wahls MD

III	SCHOLARSHIP (Cont)			
	Patient and Provider Attitudes in the Healthcare Context (VA HSR&D IIR 04-201, PI: Christenson, Co-I: provided assistance with the development of the assessment design: Wahls)	\$408,200.40	7/1/2007 – 3/30/2010	10%
	Intensive, Directed Nutrition and Neuromuscular Electrical Stimulation to Rehabilitate Ambulation in the setting of Severe Gait Disability Due to Secondary Progressive Multiple Sclerosis and Advanced Parkinson’s Disease (PI Wahls)	\$58,227.11	4/1/2010 – 4/1/2015	
	Intensive, Directed Nutrition and Neuromuscular Electrical Stimulation to Rehabilitate Ambulation in the setting of Severe Gait Disability Due to Secondary Progressive Multiple Sclerosis and Advanced Parkinson’s Disease Addition of MRI scans to study (Direct MS Charity) (PI Wahls)	\$56,411.00	4/1/2012 – 4/1/2015	
	Intensive, Directed Nutrition and Neuromuscular Electrical Stimulation to Rehabilitate Ambulation in the setting of Severe Gait Disability Due to Secondary Progressive Multiple Sclerosis and Advanced Parkinson’s Disease addition of biomarkers to study (TZ Press, LLC.) (PI Wahls)	\$10,000.00	5/1/2012 – 5/1/2013	
	Nutrition biomarkers added to the Intensive, Directed Nutrition and Neuromuscular Electrical Stimulation to Rehabilitate Ambulation in the setting of Severe Gait Disability Due to Secondary Progressive Multiple Sclerosis and Advanced Parkinson’s Disease grant (College of Medicine, U of IA) (PI Wahls)	\$2,500.00	5/1/2012 – 9/30/2012	
	Progress on Therapeutic Garment (Grow Iowa values Fund) (PI Wahls)	\$34,874.00	11/1/2011 – 6/30/2012	

## III SCHOLARSHIP (Cont)

Novel treatments for secondary progressive MS (NIH) (PI Wahls)	\$3,261,633.	12/1/2012 – 11/30/2017 Pending
Paleo Diet and Progressive MS Direct MS Charity, Wahls PI	\$74,900	4/2113-2014
Progress on a Therapeutic Garment GAP award, Wahls PI	\$70,000	9/1/2012 -
College of Medicine Summer Research Fellowship two students	\$5000.00	5/201

### State

#### College of Medicine

<u>Title: (Include source in parenthesis)</u>	<u>Amount</u>	<u>Period</u>	<u>% Effort</u>	<u>% Salary</u>
Communication with in the Health Care Team (Medical Student Summer Fellowship) PI: Wahls	\$5,000	5/1/2008 – 9/1/2008		
College of Medicine Summer Research Two Students)	\$5,000	5/2013		
Qualitative Interviews of Participants and Family Members- Intensive Directed Nutrition, Neuromuscular Electrical Stimulation and Secondary Progressive Multiple Sclerosis.	\$10,000	5/1/2011 – 9/1/2011		

### Other

<u>Title: (Include source in parenthesis)</u>	<u>Amount</u>	<u>Period</u>	<u>% Effort</u>	<u>% Salary</u>
---	---------------	---------------	-----------------	-----------------

#### Invited Lectures

1. **Wahls TL:** Food and Brain Health (CLSA) Hong Kong, China September 26, 2013
2. **Wahls TL:** Food and Brian Health, UI Main Librar, University of Iowa, Iowa City, IA, September 11,2013
3. **Wahls TL:** Safety and Feasibility of the Wahls Diet™, a Modified Paleo Diet, to Treat Secondary Progressive Multiple Sclerosis (SPMS), 3<sup>rd</sup> Annual Ancestral Health Symposium, Atlanta, Georgia, August 16, 2013
4. **Wahls TL:** A Combined Intervention For Persons With Progressive MS, A Safety And Feasibility Study, Research Seminar, Department of Physical Therapy, College of Medicine Health, University of Iowa, Iowa City, Iowa, April 26, 2013.

## Terry Wahls MD

### III SCHOLARSHIP (Cont)

5. **Wahls TL:** Minding My Mitochondria: Restoring Your Brain And Body Using Food, Paleo (f)X, Austin, Texas, March 28, 2013.
6. **Wahls TL:** Minding My Mitochondria: Recovering Your Brain Using Food, 21<sup>st</sup> Annual Meeting, Brain Injury Association of Iowa, West Des Moines, Iowa, March 8, 2013.
7. **Wahls TL:** Food And Brain Health: Department of Family Medicine, University of Iowa, Iowa City, Iowa, March 1, 2013.
8. **Wahls TL:** A Combined Intervention For Persons With Progressive MS, A Safety And Feasibility Study, Nutrition Epidemiology, College of Public Health, University of Iowa, Iowa City, Iowa, February 28, 2013
9. **Wahls TL:** A Combined Intervention For Persons With Progressive MS, A Safety And Feasibility Study, Research Seminar, College of Public Health, University of Iowa, Iowa City, Iowa, February 21, 2013.
10. **Wahls TL:** A Combined Intervention For Persons With Progressive MS, A Safety And Feasibility Study, Research Seminar, College of Public Health, University of Iowa, Iowa City, Iowa, February 21, 2013.
11. **Wahls TL:** Building Blocks for a Better Brain, plenary speaker, Iowa Chapter National Alliance for Mentally Ill, Ames, Iowa, October 11, 2012.
12. **Wahls TL:** UP FROM THE CHAIR, African American Leadership Conference, Cedar Rapids, Iowa, September 22, 2012.
13. **Wahls TL:** MINDING YOUR MITOCHONDRIA: Nutritional treatment for multiple sclerosis; Chronic Venous Disease in Multiple Sclerosis – 2nd Annual conference, Hubbard Foundation, San Diego, CA, May 12, 2012.
14. **Wahls TL:** Minding Your Mitochondria, Presidential Forum, University of Iowa, Iowa City, Iowa, February 29, 2012.
15. **Wahls TL:** Minding Your Mitochondria, TEDx Iowa City, Iowa City, Iowa, November 11, 2011.
16. **Wahls TL:** Food: The Building Blocks for a Better Brain, Abilities in Action, Cedar Rapids, Iowa, October 5, 2011.
17. **Wahls TL:** Up From the Chair, African American Leadership Conference, Cedar Rapids, Iowa, September 23, 2011.
18. **Wahls TL:** Intensive Nutrition for a Broken Brain, Neuroscience Nursing Conference, Coralville, Iowa, September 20, 2011.
19. **Wahls TL:** The Trouble with GMOS, New Pioneer Cooperative, Iowa City, Iowa, June 14, 2011.
20. **Wahls TL:** Do the US Dietary Guidelines Matter? New Pioneer Cooperative, Iowa City, Iowa, June 7, 2011.

## Terry Wahls MD

### III SCHOLARSHIP (Cont)

21. **Wahls TL:** Implementing the Wahls Diet, New Pioneer Cooperative, Iowa City, Iowa, May 24, 2011.
22. **Wahls TL:** Implementing the Wahls Way, Be Your Best Conference, Coralville, Iowa, May 18, 2011.
23. **Wahls TL:** Intensive Nutrition for a Broken Brian, NAMI support group, Iowa City, Iowa, May 18, 2011.
24. **Wahls TL:** Implementing the Wahls Diet, New Pioneer Cooperative, Iowa City, Iowa, May 3, 2011.
25. **Wahls TL:** Abundant Health From Your Garden, Dr. Terry Wahls and Roxanne Mitten, Backyard Abundance, Iowa City, Iowa April 30, 2011.
26. **Wahls TL:** Up From The Chair, Ann Garrity Conference, Minneapolis, Minnesota, April 21, 2011.
27. **Wahls TL:** Trouble in Your Gut, New Pioneer Cooperative, Iowa City, Iowa, April 12, 2011.
28. **Wahls TL:** Abundant Health, Workshop, Beyond Rubies, Kirkwood College, Cedar Rapids, Iowa. March 17, 2011.
29. **Wahls TL:** Up From The Chair, Plenary Speaker, Beyond Rubies, Kirkwood College, Cedar Rapids, Iowa. March 17, 2011.
30. **Wahls TL:** Food as Medicine, Marengo public library, February 21, 2011.
31. **Wahls TL:** Support Your Happy, Healthy Brain, New Pioneer Food Cooperative, Iowa City, IA, November 4, 2010.
32. **Wahls TL:** Vitamin D and Minerals: Absolute requirements For Healthy Living, New Pioneer Rood Cooperative, Iowa City, IA, October 21, 2010.
33. **Wahls TL:** Multiple Sclerosis and Alternative and Complementary Treatment Options, Iowa Physician Assistant Conference, Iowa City, IA, October 21, 2010.
34. **Wahls TL:** Food as Medicine Eating For a Healthy Brian, Live Well Iowa, Iowa City, IA, October 18, 2010.
35. **Wahls TL:** Up From The Chair - Using Intensive Nutrition to Support the Brain, Functional Nutrition, Institute for Functional Medicine, Hollywood, Florida. December 10, 2010.
36. **Wahls TL:** Food as Medicine Eating For a Healthy Brian, Live Well Iowa, Iowa City, IA, October 4, 2010.
37. **Wahls TL:** Food as Medicine Summit, Kirkwood Community College, Cedar Rapids, IA, October 2, 2010.
38. **Wahls TL:** Food as Medicine Part 2, New Pioneer Food Cooperative, Iowa City, IA, September 15, 2010.

## III SCHOLARSHIP (Cont)

39. **Wahls TL:** Food as Medicine Part 1, New Pioneer Food Cooperative, Iowa City, IA, September 15, 2010.
40. **Wahls TL:** Abundant Health The Food to Grow and Eat, Why Eating Them Can Restore Your Health, Backyard Abundance, Iowa City, IA August 21, 2010.
41. **Wahls TL:** Intensive Directed Nutrition and Neuromuscular Electrical Stimulation in the Setting of Secondary Progressive Multiple Sclerosis: A Case Report and Review and Review of Proposed Mechanisms of Action Nutrition Symposium, University of Kentucky, Lexington, KY, May 14, 2010.
42. **Wahls TL:** Personalized Medicine First Hand: Overcoming Secondary Progressive MS, 16<sup>th</sup> Annual Meeting of Society of Free Radical Biology and Medicine, San Francisco, CA, November 21, 2009.
43. **Wahls TL:** Brain Health and Food. The Second Half: Kirkwood Community College, Cedar Rapids, Iowa, November 5, 2009.
44. **Wahls TL:** Up From The Chair. Plenary speaker. MS Direct Charity, Calgary, Canada, October 5, 2009.
45. Kaplan D, **Wahls TL:** Neuromuscular Electrical Stimulation and Intensive, Focused Nutrition and Multiple Sclerosis, Medical Student Research Day, Carver College of Medicine, University of Iowa, Iowa City, Iowa, September 10, 2009.

### 1. Iowa public radio interviews

1. Up from the Chair – on The Exchange, December 8<sup>th</sup>, 2008
2. Traumatic Brain Injury with Dr. Michael Hall on The Exchange, December 23, 2008.
3. Voices of MS, the Exchange.....

### 2. Conference presentations:

1. Shistosomiasis St. Jude's Hospital, Vieux Fort, St. Lucia, West Indies 1986.
2. Short Term Volunteer Medical Service Women In Medicine, New Platz, New York 1988.
3. Domestic Violence- Stopping Violence in the New Millennium, Lac Du Flambeau, Wisconsin Oct 6, 1999.
4. The Master Clinician Project Dean Clinic, Madison, Wisconsin, October 18, 1999.
5. The Master Clinician Project The World Productivity Congress, Edinburgh, Scotland October 9, 1999.

## III SCHOLARSHIP (Cont)

6. The Master Clinician Project as it relates to Quality, 2nd Annual Veterans Affairs National Quality Scholars Fellowship Program Summer Symposium, Hanover, New Hampshire August 12, 2000.
7. The Master Clinician Project University of Iowa, Iowa City, Iowa January 2000.
8. Advanced Access: The Next Steps, VISN 23 Advanced Access Collaborative, VISN 23 Primary and Subspecialty Medicine Face-to-Face Meeting. VISN 23 Offices, Minneapolis, Minnesota January 14, 2002.
9. An Athlete's Journey, Leadership VA 2003 Graduation, Williamsburg, Virginia 2003.
10. Dual Physician families: Stress is mandatory; Struggle is Optional Workshop Midwest Society of General Internal Medicine Annual Meeting, Chicago, Illinois, Workshop co-facilitator with Dr. Melinda Johnson 2003.
11. Chronic Disease in VISN 23: Future Implications VISN 23 Primary Care and Subspecialty Medicine Face-to-Face Meeting 2004.
12. Chronic Disease in VISN 23: Future Implications VISN 23 Executive Leadership Council 2004 Retreat, Hill City, South Dakota, April 25, 2004.
13. Chronic Disease in VISN 23: Future Implications VISN 23 Offices, Minneapolis, Minnesota, May 27, 2004.
14. VISN 23 PSM Chronic Disease Initiative, VISN 23 Executive Leadership Council, Sioux Falls VAMC, Sioux Falls, South Dakota, March 29, 2005.
15. Results Reporting: The Idealized Future, VISN 23 Executive Leadership Strategic Planning Retreat, Nebraska City, Nebraska, June 1, 2005.
16. Results Reporting Task Force Presentation to ELC Strategic Planning and Implications for the Primary Care and Specialty Medicine Service Line, VISN 23 Primary Care and Subspecialty Medicine Service Line Face to Face Meeting, Minneapolis, Minnesota, June 16, 2005.
17. Recommendations for patient selection for TNF biologic agents: Report from the Oncology Work Group, VISN 23 Formulary Committee, Sheraton Hotel, Iowa City, Iowa, October 67, 2005.
18. Pre-operative Assessments Grand Rounds, Des Moines VAMC, Des Moines, Iowa, November 15, 2005.
19. The Burden of Treatment Delays Associated with Missed Results: Current Assessment and Next Steps, VISN 23 Imaging Service Annual conference, Minneapolis VAMC, Minneapolis, Minnesota, May 11, 2006.
20. Missed Results and Associated Treatment Delays VA Commissioners Annual Meeting, Las Vegas, New Mexico, July 25, 2007.
21. Missed Results and Associated Treatment Delays VA Commissioners Annual Meeting, Las Vegas, New Mexico, July 25, 2007.



## III SCHOLARSHIP (Cont)

22. Missed Results and Associated Treatment Delays VA Central Office Radiology Conference Call, September 14, 2007.
23. Diagnostic Error VA Central Office, Diagnostic Services, Laboratory Education Conference, May 9, 2008.
24. Food as Medicine, Iowa City VAMC Employee Health and Fitness Week, May 21, 2008.
25. Diagnosis Error Associated with Laboratory Tests. American Medical Informatics Association, Phoenix, Arizona June 2, 2008.
26. Doctors and Nurses How Do We Talk to Each Other? Ophthalmology Grand Rounds, July 7, 2008.
27. Up From the Chair: How Did It Happen? Iowa City VAMC Employee Wellness Wednesdays, July 30, 2008.
28. Food as Medicine: Health versus Chronic Disease. Iowa City VAMC Employee Wellness Wednesdays. September 10, 2008.
29. Food as Medicine: The Obesity Starvation Link. Iowa City VAMC Employee Wednesdays, August 13, 2008.
30. Help Your Pain: Feed Your Brain. Chronic Pain Workshop, Iowa City VAMC, Iowa City, Iowa, August 18, 2008.
31. The Interconnected Web of Life. Unitarian Universalist Society of Iowa City, Iowa City, Iowa, August 24, 2008.
32. Food as Medicine: Health versus Chronic Disease VA Iowa City Veterans Medical Center, Iowa City, Iowa, September 10, 2008.
33. Food as Medicine: Protecting Your Brain. Employee Wellness Wednesdays. October 1.
34. Doctors and Nurses How Do We Talk to Each Other? General Surgery Grand Rounds, 2008.
35. Food as Medicine: Protecting Your Brain. Employee Wellness Wednesdays. October 1,
36. Food as Medicine. New Pioneer Food Co-operative Community Series, Iowa City, Iowa October 21, 2008.
37. Up from the Chair: Unitarian Universalist Society of Internal Medicine, Iowa City, Iowa, January 4, 2009.
38. Food as Medicine: 6 Week Workshop teaching the link between clinical nutrition and health February 4, 2009.
39. Food as Medicine: New Pioneer Food Co-operative Community Series, Iowa City, Iowa February 26, 2009.
40. Up from the Chair: How Did It Happen?. Employee Wellness Wednesdays. October 1.

## III SCHOLARSHIP (Cont)

41. Food as Medicine: The Obesity/ Starvation Connection. Employee Wellness Wednesdays. February 25, 2009.
42. Health, Disease and the Food We Eat: Employee Wellness Wednesdays. March 25, 2009.
43. Food as Medicine: Protecting Your Brain. Employee Wellness Wednesdays. April 22, 2009.
44. Nurse Physician Communication. Family Medicine St. Luke's Hospital, Cedar Rapids, Iowa May 18, 2009.
45. Nurse Physician Communication Pediatrics Retreat, Amana Colonies, Iowa, October 22, 2009.
46. Food as Medicine, Introduction. New Pioneer Co-operative, Coralville, Iowa, June 24, 2009
47. Food as Medicine: Brain Health and Food, New Pioneer Co-operative, Coralville, Iowa, July 2, 2009.
48. Food as Medicine: 1 week mini-course. Bayside Family Camp, Williams Bay, Wisconsin July 12-18<sup>th</sup>, 2009.
49. Food as Medicine: Brain Health, Kirkwood Community College, Iowa City, Iowa, September 23, 2009.
50. Food as Medicine: The Obesity-Starvation Connection, Kirkwood Community College, Iowa City, Iowa, September 30, 2009.
51. Food as Medicine: Protecting Your Bones and Your Wallet, Kirkwood Community College, Iowa City, Iowa, October 7, 2009.
52. Food as Medicine: Brains and Teeth, Kirkwood Community College, Iowa City, Iowa, November 4, 2009.
53. Food as Medicine: The Obesity-Starvation Connection, Kirkwood Community College, Iowa City, Iowa, November 11, 2009.
54. Food as Medicine: Protecting Your Bones and Your Wallet, Kirkwood Community College, Iowa City, Iowa, December 2, 2009
55. Food as Medicine 6 Week Series; Unitarian Universalist Society Iowa City, Iowa City, Iowa February 3, 10, 17, 24 and March 3, 10, 2010.
56. The Obesity Starvation Addiction Triad, Live Well Iowa, Old Capital Center, University of Iowa, Iowa city, Iowa, March 1, 2010
57. The Obesity Starvation Addiction Triad, Live Well Iowa, Children Development and Disability Center, University of Iowa, Iowa city, Iowa, March 3, 2010
58. Food as Medicine Part 1, Kirkwood Community College, Cedar Rapids, Iowa, March 1, 2010
59. Food as Medicine Part 2, Kirkwood Community College, Cedar Rapids, Iowa, March 8, 2010

## III SCHOLARSHIP (Cont)

60. The Obesity Starvation Addiction Triad, Memorial Union, University of Iowa, Iowa city, Iowa, March 25, 2010
61. The Obesity Starvation Addiction Triad, New Pioneer Co-Op, Memorial Union, University of Iowa, Iowa city, Iowa, March 25, 2010
62. The Obesity Starvation Addiction Triad, New Pioneer Co-Op, Memorial Union, University of Iowa, Iowa city, Iowa, March 25, 2010
63. The Obesity Starvation Addiction Triad, New Pioneer Co-Op, Memorial Union, University of Iowa, Iowa city, Iowa, March 25, 2010
64. The Poisons in Our Food, New Pioneer Co-Op., Memorial Union, University of Iowa, Iowa city, Iowa, April 1, 2010.
65. The Poisons in Our Food, New Pioneer Co-Op., Memorial Union, University of Iowa, Iowa city, Iowa, April 8, 2010.
66. Food for Thought, Greek Education Series, Memorial Union, University of Iowa, Iowa City, Iowa, April 6, 2010.
67. Food as Medicine Summit, Kirkwood Community College, Cedar Rapids, Iowa, April 10, 2010
68. Food as Medicine: For a Healthier Brains and Straighter Teeth, Kirkwood Community College, Iowa City, Iowa, May 3, 2010.
69. Food as Medicine: The Obesity-Starvation Connection, Kirkwood Community College, Iowa City, Iowa, May 10, 2010.
70. The Superpower of Food: Seven food rules and three habits for a Happy, Healthy Brain, New Pioneer Co-Op, Memorial Union, Iowa City, Iowa, June 15, 2010.
71. Foods for Healing: Dramatically Lower Your Risk of Getting Grandma's Bad ABCs (Bad Arthritis, Bad Brain, Bad Cancer) Using Food. New Pioneer Co-Op, Memorial Union, Iowa City, Iowa, July 8, 2010.

### Work Shop to Improve Communication:

- |      |  |
|------|--|
| 2007 | Enlightened Assertiveness. Pediatric Trainee Communication Workshop co-facilitated with Dr. Marcy Rosenbaum. Galena, Illinois October 24, 2007.          |
| 2009 | Doctors and Nurses: How Do We Talk to Each Other? Workshop to improve communication with second year pediatric residents. Amana, Iowa, October 22, 2009. |

### Site Reviews

- |      |   |
|------|---|
| 2004 | Review of Primary Care Operations. Omaha Veterans Health Care System, Omaha, Nebraska. June 27, 2004. |
|------|---|

III SCHOLARSHIP (Cont)

Other:  
2002

Invited Testimony at Congressional Hearing for Committee for Veteran's Affairs and Secretary for Veteran Affairs, Anthony Principi, to address the role of community-based outpatient clinics, waiting times, and planning for fiscal year 2003 in Veterans served and the resources needed to serve the projected growth.

## IV. Service

### A. Clinical assignments (last 5 years)

#### Inpatient:

2000- Weekend rounding for Internal Medicine Inpatients and General Medicine Consult Service

#### Outpatient

2000- 2004 Associate Chief of Staff for Ambulatory Care, VA Medical Center, Iowa City, IA Staff for Continuity of Care Clinic VAMC  
 2002 Camp Physician, Castaways Disability Fishing Tournament, Iowa City, VAMC

2003- Acute Treatment Room providing direct patient care responsibilities to the patients being evaluated through the ATR

2006-2007 Employee Health, Iowa City VAMC

2008- Poly-trauma clinic (traumatic brain injury and multiple psychological injuries) Iowa City VAMC

### B. Offices Held in Professional Organizations

#### Editorships:

2010- Non Fiction Editor, “The Examined Life Journal” of the University of Iowa Carver College of Medicine, Iowa City, Iowa

#### Review panels:

#### Departmental, collegiate, or university committees:

2000- 2006	Member, Pharmacy and Therapeutics Committee	VAMC, Iowa City, IA
2000-2002	Member, Primary Care and Specialty Medicine Service Line Committee	VISN 14
2000-2002	Member, Primary Care Subgroup of Primary Care and Specialty Medicine Service Line	Veteran’s Integrated Service Network, Central Plains (Nebraska and Iowa (VISN 14)
2000-2004	Member, Performance Improvement Committee	VAMC, Iowa City, IA
2000-	Member, Clinical Executive Board	VAMC, Iowa City, IA

## Terry Wahls MD

IV	SERVICE (Cont)		
	2000-	Clinical Quality Reviewer for Ambulatory Care	VAMC, Iowa City, IA
	2000-	Member, Leadership Council	VAMC, Iowa City, IA
	2000-	Member, Corporate Compliance Committee	VAMC, Iowa City, IA
	2000-2005	Member, General Internal Medicine Leadership Group	General Medicine Division, Internal Medicine Department, University of Iowa
	2003- 2004	Member, Advanced Access Steering Committee	VISN 23
	2003-2004	Internal Medicine Clinical Managers Group	Department of Internal Medicine, University of Iowa, Iowa City, Iowa
	2004	Member, VISN 23 Chief Financial Officer Selection and Interview Committee	VISN 23
	2004	Chair, Committee to establish expectations for the physician time and accountability for the collaboration with Advanced Registered Nurse Practitioners and supervision of Physician Assistants	VISN 23 PSM SL
	2004- 2008	Chair. Results Reporting Task Force. A Multi-disciplinary group charged with reviewing the managing of Diagnostic Results and recommend strategies to ensure that results are reviewed, interpreted, incorporated into the care plan and the patient notified promptly	VISN 23
	2004-2007	Co-Chairperson, Community Based Outpatient Clinic Steering Committee (Provides Operational Coordination and Oversight for the Community Outpatient Clinics in the VISN.)	VISN 23
	2004-2006	Member, Executive Leadership Committee (Facility Directors and Service Line Medical Directors for the VISN providing general leadership and Vision for the VISN)	VISN 23

## Terry Wahls MD

IV	SERVICE (Cont)		
	2004-2006	Member, Tri-Care Work Group Goal: Analyze and recommend objectives for the VISN negotiations with the Tri-Care Contracts for Department of Defense soldiers and their dependents	VISN 23
	2004- 2006	Member, Clinical Advisory Sub-Council Goal: Review and address clinical issues at the VISN level that affect the nursing and medical practices across all Service Lines and all facilities	VISN 23
	2005-2006	Chair, Diabetic Disease Registry Committee to establish the data elements for the DM Registry	VISN 23 PSM SL
	2005-2006	Chair, Congestive Heart Failure Disease Registry Committee to establish the data elements for the CHF Registry	VISN 23 PSM SL
	2005-2006	Chair, Chronic Obstructive Pulmonary Disease Registry Committee to establish the data elements for the COPD Registry	VISN 23 PSM SL
	2005-2006	Co-Chair, Hematology-Oncology Work Group: Goal to establish a process to identify patient selection criteria and prescribing criteria for specific medications as requested by the Pharmacy and Therapeutics Committee of VISN 23	VISN 23 PSM SL
	2005-2006	Member, Patient Self-Management Manual Work Group. Goal: Establish criteria for standards, evaluation standards for VISN Patient Self-Management Manuals and Programs	VISN 23
	2009-	Risk Management Subcommittee on Research & Evaluation (RMRES)	VA Central Office

### College of Medicine

2003-04      Dermatology Departmental Review Committee, Committee Member

### Departmental, collegiate or university service positions:

2001-04      General Internal Medicine Division Leadership Group

2001-02      Department Promotions Review Committee

# Terry Wahls MD

## IV SERVICE (Cont)

2003-04 Clinical Managers, Member

### Other:

2011 Patent Pending- Attorney Docket #21087.0062U1 Provisional Application Filing  
Modular Therapeutic Electrode Garment System and Method

### Relevant community involvement

1980-82 Volunteer, Free Medical Clinic, Iowa City, IA

1998-2000 Cub Scout and Boy Scout: Adult Leader, Marshfield, WI and Iowa City, IA

1998-2000 Cub Master, Pack 381, Marshfield, WI

2002-2008 Footliters: Active member. Iowa City, Iowa

2002-2005 Parent volunteer, Girl Scout Troup 5001, Iowa City, IA

2004-2005 Troup Leader, Girl Scout Troup 5001, Iowa City, IA

2005-2007 President Footliters, Children's Theater Group, and Iowa City, Iowa