

CURRICULUM VITAE:

Alison J. Whelan, MD, FACP

DATE: March 29, 2013

CITIZENSHIP: United States

ADDRESS/TELEPHONE NUMBERS

Clinic Offices: Department of Medicine
Washington University School of Medicine
Campus Box 8073, 660 S. Euclid Avenue
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Department of Pediatrics
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PRESENT POSITIONS:

- 2000 – Present Director, Adult Genetics Clinic, Department of Internal Medicine
- 2000 – Present Co-Director, Heredity Cancer Program, Department of Internal Medicine
- 2005 – Present Professor, Department of Medicine, Washington University School of Medicine, St. Louis, Missouri
- 2005 – Present Professor, Department of Pediatrics, Division of Medical Genetics, Washington University School of Medicine, St. Louis, Missouri
- 2009 – Present Senior Associate Dean for Education, Washington University School of Medicine, St. Louis, Missouri



EDUCATION

Undergraduate

1981 Bachelor of Arts, Carleton College, Northfield, Minnesota
Graduated Cum laude

Graduate

1986 Doctor of Medicine, Washington University School of Medicine, St. Louis, Missouri

Postgraduate

1986-1987 Intern in Medicine, Barnes Hospital, St. Louis, Missouri
1987-1988 Junior Assistant Resident in Medicine, Barnes Hospital, St. Louis, Missouri
1988-1989 Senior Assistant Resident in Medicine, Barnes Hospital, St. Louis, Missouri
1989-1991 Research Fellow, Washington University School of Medicine, St. Louis, Missouri
1991-1992 Medicine Chief Resident, Barnes Hospital, St. Louis, Missouri
1992-1994 Clinical Fellow in Medical Genetics, Division of Medical Genetics, Department of Pediatrics, Washington University School of Medicine, St. Louis, Missouri

ACADEMIC POSITIONS/EMPLOYMENT

1989-1991 Research Fellow, Washington University School of Medicine, St. Louis, Missouri
1991-1992 Medicine Chief Resident, Barnes Hospital, St. Louis, Missouri
1992-1994 Instructor in Medicine, Washington University School of Medicine, St. Louis, Missouri
1994-1999 Assistant Professor of Medicine, Washington University School of Medicine, St. Louis, Missouri
1994-2000 Assistant Professor of Pediatrics, Washington University School of Medicine, St. Louis, Missouri
1997-2009 Associate Dean for Medical Student Education, Washington University School of Medicine, St. Louis, Missouri
1999-2005 Associate Professor of Medicine, Washington University School of Medicine, St. Louis, Missouri
2000-2002 Clinical Advisor, Washington University School of Medicine/Barnes-Jewish Hospital consortium with EBM Solutions, Inc.
2000-2005 Associate Professor of Pediatrics, Washington University School of Medicine, St. Louis, Missouri
2000-Present Director, Adult Genetics Clinic and Heredity Cancer Program, Department of Medicine
2005-Present Professor of Medicine
2005-Present Professor of Pediatrics
2009-Present Senior Associate Dean for Education

HOSPITAL AND UNIVERSITY COMMITTEES:

HOSPITAL COMMITTEES:

1991-2009	Member, Intern Selection Committee, Department of Medicine, Barnes-Jewish Hospital
1993	Member, Working Committee, Introduction to Clinical Medicine course
1994-2000	Member, Colorectal Genetics Committee
1994-1996	Member, Washington University Prophylactic Mastectomy Committee
1995-1997	Member, Department of Medicine Firm Committee
1995-1999	Member, Washington University Cancer Center Basic Science Subcommittee
1995-1999	Member, Washington University Cancer Center Publications Subcommittee
1995-1997	Member, Washington University Clinical Education Committee
1995-1999	Member, Washington University Working Committee for Gastrointestinal and Related Cancers
1996-1999	Member, Washington University Cancer Center Prevention and Control Planning Subcommittee
1997-Present	Member, Washington University Committee on Academic Evaluation of Students (new committee name effective 2008: Committee on Academic and Professional Evaluation of Students – CAPES)
1997-1999	Member, Search Committee for Chief of Division of Human Genetics, Division of Genetics
1998-2006	Member, Genetics Research Committee
1998-Present	Member, Teaching and Learning Center Committee and Steering Committee
1999-2001	Member, Student Abuse Policy
2000-2001	Member, Human Genetics Strategic Plan Committee
2001-2006	Member, Alvin J. Siteman Cancer Center Executive Committee
2002-2005	Member <i>ad hoc</i> , Curriculum Committee, Center for Aging
2002-2003	Member, Executive Committee of the Faculty Council Retreat Planning Committee
2004	Member, Department of Internal Medicine, Committee on Internal Medicine as a Career Choice
2005-2006	<i>Ad hoc</i> member, Washington University School of Medicine, Alzheimer Disease and Associated Disorders Center for Aging Curriculum Committee
2006-2008	Chair, Genomics Curriculum Project Working Group
2006-2008	Chair, UME/GME/CME Strategic Planning Work Group
2012-	Member, Barnes-Jewish Hospital advisory team 'Raising St. Louis,' better paths to health and learning for St. Louis Children
2012	Member, Siteman Cancer Center Strategic Planning Clinical Trials Working Group Subcommittee

UNIVERSITY COMMITTEES

1997-1999	Member, Washington University School of Medicine Liaison Committee on Medical Education Subcommittee on Educational Program and Continuing Medical Education
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1997-1999	Chair, Executive Working Group for Liaison Committee on Medical Education
1997-2009	Chair, Washington University Committee on Medical Education
1997-2009	Chair, Curriculum Evaluation Committees I, II, and III
1999-Present	Co-director, Alvin J. Siteman Cancer Center Hereditary Cancer Core
2005-2007	Director, Association of American Medical Colleges (AAMC) Liaison Committee on Medical Education (LCME) reaccreditation process for Washington University School of Medicine
2006-2008	Chair, Dean's Education Planning Steering Committee for the Washington University Plan for Excellence Strategic Plan
2009-Present	Executive Faculty, <i>ad hoc</i> member
2009-Present	Academic Affairs Committee, <i>ad hoc</i> member
2009-Present	Committee on Medical Education, <i>ad hoc</i> member
2009-Present	Curriculum Evaluation Committees I, II, and III, <i>ad hoc</i> member
2009-Present	Graduate Medical Education Internal Review Subcommittee member
2012-	Curriculum Evaluation Committee IV, <i>ad hoc</i> member
2010-2011	President, Washington University Medical Center Alumni Association (WUMCAA)
2010-Present	Chair, Washington University School of Medicine Education Advisory Council (EAC)
2011-2015	Member, Washington University Medical Center Alumni Association (WUMCAA)
2011-2012	Member, Washington University Title IX Task Force
2012-2014	Member, Steering Committee of the Washington University Accreditation Committee, Danforth Campus
2012-	UME-GME Patient Safety and Quality Curriculum Working Group
2012-2014	Faculty representative to the Washington University Board of Trustees Educational Policy Committee
2012-2014	Member, Washington University, Office of the Provost, Higher Learning Commission Reaccreditation Steering Committee

NATIONAL COMMITTEES AND ORGANIZATIONS:

National Board of Medical Examiners:

1998-2003	Member, National Board of Medical Examiners United States Medical Licensing Exam Step 2 Medicine Test Material Development Committee
2003-2008	Chair, National Board of Medical Examiners United States Medical Licensing Exam Step 2 Medicine Test Material Development Committee
2005- 2011	Member, United States Medical Licensing Examination Step 2 Committee
2005-Present	Member, United States Medical Licensing Examination Step 2 Clinical Knowledge Interdisciplinary Review Committee; multiple terms
2007- Present	Member, United States Medical Licensing Examination Committee on Test Accommodations; multiple terms
2008-2009	Member, Comprehensive Review of United States Medical Licensure Examination (CRU USMLE) Design Task Force
2009-2010	Member, Comprehensive Review of USMLE (CRU) Advisory Task Force (term: 01/01/09 – 12/31/10)

- 2009-2011 National Board of Medical Examiners Center for Innovation Advisory Committee (CIAC) (term: 01/01/09 – 12/31/11)
- 2009-2013 Member-at-Large, National Board of Medical Examiners (four-year term: 2009-2013)
- 2011-2014 Chair, United States Medical Licensing Examination Step 2 Committee
- 2012- Member, United States Medical Licensing Examination Management Task Force

Clerkship Directors in Internal Medicine:

- 1995-Present Member, Clerkship Directors in Internal Medicine
- 1995-1998 Chair, Clerkship Directors in Internal Medicine Curriculum Task Force
- 1997-1998 Member, Society of General Internal Medicine/Clerkship Directors in Internal Medicine Working Committee to Develop and Update Core Curriculum Guide, Version Two (supported by HRSA, contract number 240-93-0029)
- 1998-2008 Member, Clerkship Directors in Internal Medicine Education Committee
- 1997-2000 Member, Association of American Medical Colleges, Group on Educational Affairs, Working Group on “Impact of Academic Clinical Practice Changes on Education”
- 1999-2000 Member, Clerkship Directors in Internal Medicine Teacher-Learner Committee, “Understanding the Value Added to Clinical Care by Educational Activities” project
- 2001-2003 Member, Clerkship Directors in Internal Medicine Delphi Committee to Evaluate Relevance of NBME Medicine Subject Exam Content to Internal Medicine Core Curriculum
- 2004-2009 Member, Clerkship Directors in Internal Medicine Task Force on Internal Medicine as a Career Choice
- 2005-2007 Member, Clerkship Directors in Internal Medicine Task Force on Enhancing Student Interest in Internal Medicine Careers

Other:

- 1998-2001 Member, Aetna U.S. Healthcare, Academic Medicine and Managed Care Forum, Medical Curriculum Working Group
- 1998-2003 Member, National Advisory Committee for the Genetics in Primary Care Faculty Development Initiative. Final report issued December 2003.
- 2001-2003 Chair, Red Flags Working Group for the Genetics in Primary Care Faculty Development Initiative
- 2001-2004 Member, National Advisory Committee for “Family Medicine Curriculum Project” sponsored by HRSA
- 2007-Present Member, Evaluation of Genomic Applications in Practice and Prevention (EGAPP) Stakeholders Group (ESG) Steering Committee, an initiative of the Centers for Disease Control and Prevention, National Office of Public Health Genomics
- 2010-Present Member, National Comprehensive Cancer Network (NCCN) Genetic/Familial High-Risk Assessment: Breast and Ovarian Cancers Panel representing Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine. Appointed April 29, 2010.

MEDICAL LICENSURE AND BOARD CERTIFICATION

1987	Diplomat of the National Board of Medical Examiners
1989	Diplomat of the American Board of Internal Medicine
1990	Missouri Medical License
1996	Board Certified, American Board of Medical Genetics
2008	Election to Fellowship in the American College of Physicians (FACP)
2008	Board Certified, American Board of Medical Genetics (renewal)

HONORS AND AWARDS

1986	Award for Excellence in Cardiology
1989-90	American Heart Associate, Missouri Affiliate, Research Fellow
1990-91	American Heart Associate, Missouri Affiliate, Research Fellow
1998	Distinguished Service Teaching Award, Washington University School of Medicine
1999	Alpha Omega Alpha, Washington University Chapter
2000	Distinguished Service Teaching Award, Washington University School of Medicine
2001	Distinguished Service Teaching Award, Washington University School of Medicine
2002	Distinguished Service Teaching Award, Washington University School of Medicine
2002	Emerson Excellence in Teaching Award, Washington University, St. Louis, Missouri
2002	Samuel R. Goldstein Leadership Awards in Medical Student Education, Special Recognition Award, Washington University School of Medicine
2003	Distinguished Faculty Award, Washington University
2003	Lecturer, Alpha Omega Alpha 50 th Annual Lecture, "Let Me Tell You a Story" Narrative in Medicine. Washington University School of Medicine, St. Louis, Missouri, May 2003.
2004	Distinguished Service Teaching Award, Washington University School of Medicine
2005	Distinguished Service Teaching Award, Washington University School of Medicine
2009	Distinguished Service Teaching Award, Washington University School of Medicine
2011	Washington University Medical Center Alumni Association Distinguished Alumni/Faculty Achievement Award

NATIONAL RECOGNITION

Named to Castle Connolly's guide to "America's Top Doctors," multiple editions.
Named to Castle Connolly's guide to "America's Top Doctors for Cancer," multiple editions.

PROFESSIONAL SOCIETIES AND ORGANIZATIONS

American College of Physicians
American Medical Association
American Federation of Clinical Researchers (1994-1996)
Clerkship Directors in Internal Medicine
Society of General Internal Medicine
American Medical Women's Association, Inc.
Association of American Medical Colleges
Alpha Omega Alpha, Washington University Chapter
American College of Physicians – American Society of Internal Medicine, Missouri Chapter
Missouri State Medical Association
American Society of Human Genetics
Election to Fellowship in the American College of Physicians (FACP), 2008

CLINICAL TITLES AND RESPONSIBILITIES

1992-Present Internal Medicine Ward Attending, Inpatient Medicine Ward Service, Barnes-Jewish Hospital & WUSM, St. Louis, Missouri, 4 weeks per year
1994-Present Attending, Adult Genetics Clinic, Washington University School of Medicine, St. Louis, Missouri; weekly clinic

TEACHING RESPONSIBILITIES - Present

1994-Present Small group leader, Genetics Course, Washington University School of Medicine, St. Louis, Missouri
1994-Present Lecturer, Fellows Conference, Division of Medical Genetics, Washington University School of Medicine, St. Louis, Missouri
1994-Present Small group leader, Teaching Sessions for Internal Medicine Residents: providing feedback; finding time to teach; team leadership; learning climate; teaching strategies (the one-minute preceptor); teaching strategies (the deteriorating case), Washington University School of Medicine, St. Louis, Missouri
1996-Present Lecturer, Internal Medicine Clerkship Core Curriculum Lecture Series, "The Healthy Patient," Washington University School of Medicine, St. Louis, Missouri; lecture is presented four times each academic year
1997-Present Lecturer and small-group leader, Medical Genetics course for first-year students, Washington University School of Medicine, St. Louis, Missouri
2010-Present Small-group leader, Integrated Cases, Practice of Medicine I, first-year medical students

TEACHING RESPONSIBILITIES, LECTURES, GRAND ROUNDS (concluded)

Leadership Roles

1991-1992 Medical Chief Resident, Barnes Hospital, St. Louis, Missouri.
1994-1997 Course Master, Third-Year Medicine Clerkship, Barnes-Jewish Hospital, St. Louis, Missouri.

- 1994-1998 Development and organization of “Teaching to Teach” workshops/seminars for Barnes-Jewish Hospital Internal Medicine Residents, St. Louis, Missouri.
- 1997-Present Faculty advisor and mentor to medical students
- 1997-2000 Co-Course Master and Lecturer, Medical Genetics course for first-year students, Washington University School of Medicine, St. Louis, Missouri.
- 2000-2009 Course Master, Medical Genetics course for first-year students, Washington University School of Medicine, St. Louis, Missouri.

Faculty advisor for 4th year medical student electives

- 2000-2001 Faculty Advisor, Fourth Year Student Elective in Teaching, “Clinical Correlates,” taught by WUMS IV Student S. Andrew Josephson.
- 2001-2002 Faculty Advisor, Fourth Year Student Elective in Teaching, “Teaching Presentation Skills,” taught by WUMS IV Student Eva Hurst.
- 2001-2004 Faculty Advisor, “Narrative Writing in Medicine,” Washington University School of Medicine Student Interest Group
- 2003-2004 Faculty Advisor, Fourth Year Student Elective in Teaching, “Clinical Correlates,” taught by WUMS IV Student Amy Slansky.
- 2003-2004 Faculty Advisor, Fourth Year Student Elective in Teaching, “Interpersonal Dynamic in Medicine,” taught by WUMS IV Student Jason Stephenson.

Other

- 1993-1998 Attending, Residents Clinic, Department of Medicine, Washington University School of Medicine, St. Louis, Missouri.
- 1993 Assistant Lecturer, Seminar in Molecular Diagnostics: An Update for Laboratory Cytogeneticists.
- 1993, 1995 Lecturer, Problem-Based Learning Section Biochemistry (amino acid and urea cycle disorders), Washington University School of Medicine, St. Louis, Missouri.
- 1994-2002 Attending, Genetics Consultation Service, Washington University School of Medicine, St. Louis, Missouri
- 1994-2009 Attending, Pediatric Genetics Clinic, St. Louis Children’s Hospital, St. Louis, Missouri
- 1996 Missouri American College of Physicians Residents as Teachers Program, “Team Leadership.”
- 1999 Group discussion leader: Oath Building exercise for medical students entering Washington University School of Medicine.
- 2000 Lecturer, Human Genetics Division, Functional Genomics class, “Ethics,” Washington University School of Medicine, St. Louis, Missouri.
- 2000 Lecturer, Comprehensive Internal Medicine Review and Recertification Course, “Genetics for the Practicing Internist,” Eric P. Newman Education Center, Washington University School of Medicine, St. Louis, Missouri.
- 2000 Lecturer, Clinical Oncology Conference, “Cancer Genetics,” Radiation Oncology Center, Washington University School of Medicine, St. Louis, Missouri.

- 2001 Lecturer, Master's of Science in Clinical Investigation Program, Scientific Foundations of Translational Research course, "Genetic Testing for Breast Cancer," Washington University School of Medicine, St. Louis, Missouri.
- 2001 Lecturer, Continuing Medical Education Comprehensive Review of Internal Medicine and Recertification course, "Genetics," Washington University School of Medicine, St. Louis, Missouri.
- 2001 Lecturer, Internal Medicine Housestaff Core Conference, "Medical Genetics," Washington University School of Medicine, St. Louis, Missouri.
- 2001 Lecturer, Oncology Core Curriculum Conference, "Approach to Hereditary Breast Cancer," Washington University School of Medicine, St. Louis, Missouri.
- 2001 Lecturer, The Washington Manual Comprehensive Review of Internal Medicine and Board Preparation Course, "Genetics," Washington University School of Medicine, Continuing Medical Education, Orlando, Florida.
- 2000-2001 Small Group Leader, The Practice of Medicine I, Washington University School of Medicine, St. Louis, Missouri.
- 2001-2002 Case Development Leader for The Practice of Medicine II, a second-year course, Washington University School of Medicine, St. Louis, Missouri.
- 2002 Lecturer, "Genetics," The Washington Manual Comprehensive Review of Internal Medicine and Board Preparation Course, Continuing Medical Education, Eric P. Newman Education Center, Washington University School of Medicine, St. Louis, Missouri.
- 2003 Lecturer, Molecular Pathology Seminar Series for Residents and Fellows, "Clinical Genetics Testing Issues." Washington University School of Medicine, St. Louis, Missouri.
- 2003 Lecturer, "Genetics," The Washington Manual Comprehensive Review of Internal Medicine and Board Preparation Course, Continuing Medical Education, Eric P. Newman Education Center, Washington University School of Medicine, St. Louis, Missouri.
- 2003 Lecturer, Pediatrics Infectious Disease Teaching Workshop, St. Louis Children's Hospital, St. Louis, Missouri.
- 2004 Lecturer, "Genetics," The Washington Manual Comprehensive Review of Internal Medicine and Board Preparation Course, presented by Division of Medical Education, Department of Internal Medicine, Eric P. Newman Education Center, Washington University School of Medicine, St. Louis, Missouri, May 2004.
- 2004 Lecturer, "Family Cancer Syndromes," Department of Pediatrics Weekly Noon Conference, Washington University School of Medicine, November 23, 2004.
- 2004 Lecturer, "Cancer Genetics," Department of Radiation Oncology Grand Rounds, Washington University School of Medicine, December 3, 2004.
- 2005 Lecturer, "Genetics," The Washington Manual Comprehensive Review of Internal Medicine and Board Preparation Course, presented by Division of Medical Education, Department of Internal Medicine, Eric P. Newman Education Center, Washington University School of Medicine, St. Louis, Missouri, May 2005.

- 2005 Lecturer, “Human Biochemical Genetics Inborn Errors in Metabolism,” Fundamentals of Mammalian Genetics course, Washington University School of Medicine, St. Louis, Missouri, October 13, 2005.
- 2006 Lecturer, “Genetic Counseling in Alzheimer’s Disease,” Alzheimer’s Disease Research Center, Washington University School of Medicine, St. Louis, Missouri, March 14, 2006.
- 2006 Lecturer, “Genetics,” The Washington Manual Comprehensive Review of Internal Medicine and Board Preparation Course, presented by Division of Medical Education, Department of Internal Medicine, Eric P. Newman Education Center, Washington University School of Medicine, St. Louis, Missouri, May 5, 2006.
- 2008 Lecturer, Hematology Oncology Fellow Education Session, April 30, 2008, SLCH.
- 2009 Lecturer, Hematology Oncology Fellow Education Session, May 1, 2009, WUSM.
- 2009 Speaker, “Inherited Cancers,” Marilyn Fixman Clinical Cancer Conference, Steinberg Auditorium, Washington University School of Medicine, St. Louis, Missouri, June 17, 2009.

CLINICAL SERVICE – NATIONAL

National Marfan Foundation Interdisciplinary Clinic, Washington University School of Medicine, August 2005, St. Louis, Missouri.

NATIONAL SITE VISITS AND REVIEWS

- 1999 Faculty Fellow, Yale University School of Medicine, for Association of American Medical Colleges Liaison Committee on Medical Education Accreditation Site Visit, November 1999
- 2002 Survey Team Member, Robert Wood Johnson Medical School, for Association of American Medical Colleges Liaison Committee on Medical Education Accreditation Site Visit, March 2002
- 2003 Survey Team Member, Cornell University Joan and Sanford I. Weill Medical College and Graduate School of Medical Sciences, for Association of American Medical Colleges Liaison Committee on Medical Education Accreditation Site Visit, March 2003
- 2005 Survey Team Member, Dartmouth Medical School, for Association of American Medical Colleges Liaison Committee on Medical Education Accreditation Site Visit, April 2005
- 2011 Survey Team Member, Boston University School of Medicine, for Association of American Medical Colleges Liaison Committee on Medical Education Accreditation Site Visit, February 27 – March 2, 2011
- 2012 Consultant to University of Chicago Pritzker School of Medicine, Liaison Committee on Medical Education Self-study

PROFESSIONAL DEVELOPMENT

- 1998 Harvard Macy Institute Program for Leaders in Medical Education, Boston, MA
1999 Association of American Medical Colleges Senior Women in Medicine
Professional Development Seminar, Baltimore, MD
1999 Teaching Techniques for Adults course, University College, Washington
University, St. Louis, MO
2000 General Internal Medicine Faculty Development Project Workshop, Denver, CO
2011-2012 National Conference for Community and Justice (NCCJ) of Metropolitan St.
Louis Inclusion Institute for Healthcare (IIH) retreat and follow-up

EDITORIAL RESPONSIBILITIES

Washington Manual of Medical Therapeutics, 28th and 29th Editions. Supervising editor.

Research in Medical Education. Abstracts for AAMC National Meeting and Academic
Medicine, *Ad Hoc* reviewer 1996-present.

Cancer Research. *Ad Hoc* reviewer.

Academic Medicine. Association of American Medical Colleges Research in Medical Education.
External reviewer 1997-present.

American Journal of Human Genetics. *Ad hoc* reviewer 2002-Present.

American Journal of Medicine. *Ad hoc* reviewer 1999-Present.

Academic Medicine. *Ad hoc* reviewer 1999-Present.

Annals of Internal Medicine. Medical Writings Book Notes Section, external reviewer 2001-
present.

Annals of Internal Medicine. *Ad hoc* reviewer 2001-present.

Cancer Epidemiology, Biomarkers and Prevention, a publication of the American Association
for Cancer Research. *Ad hoc* reviewer 2002-present.

Medical Education, Really Good Stuff, new ideas in medical education, an international, peer-
reviewed journal in the field of education for health care professionals. *Ad hoc* reviewer 2002-
present.

Alzheimer Disease and Associated Disorders; An International Journal. *Ad hoc* reviewer 2004-
present.

Medical Education. *Ad hoc* reviewer, 2004-present.

British Journal of Cancer. *Ad hoc* reviewer, 2008.

Teaching and Learning in Medicine. Ad hoc reviewer. 2011-

ARTICLES REVIEWED

Book Notes Section, *Annals of Internal Medicine*. Genetics in the Clinic: Clinical, Ethical, and Social Implications for Primary Care. Mahowald MB, Aspinwall T, McKusick VA, Scheuerle A. *Annals of Int Med*; Oct 2001;135:636.

Book Notes Section, *Annals of Internal Medicine*. Genetic Testing: Care, Consent, and Liability. Sharp NF and Carter RF. *Annals of Int Med*; July 2006;145(1):80.

BIBLIOGRAPHY

Peer Reviewed Articles and Manuscripts

1. Kelly DP, **Whelan AJ**, Ogden ML, Alpers R, Zhang Z, Bellus N, Gregersen N, Dorlund L, Strauss AW: Molecular characterization of inherited medium-chain acyl-CoA dehydrogenase deficiency. *Proc Natl Acad Sci USA* 1990;87:9236-40.
2. Zhang A, Kelly DP, Kim JJ, Ogden ML, **Whelan AJ**, Strauss AW: Structural organization and regulatory regions of the human medium chain acyl-CoA dehydrogenase gene. *Biochemistry* 1992;31:81-9.
3. Kelly DP, Hale DE, Rutledge LS, Ogden ML, **Whelan AJ**, Zhang Z, Strauss AW: Molecular basis of inherited medium-chain acyl-CoA dehydrogenase deficiency causing sudden child death. *J Inherit Metab Dis* 1992;15:171-180.
4. Kelly DP, **Whelan AJ**, Hale DE, Rinaldo P, Rutledge SL, Zhang Z, Strauss AW: Molecular basis of medium chain acyl-CoA dehydrogenase deficiency causing sudden death. *Prog Clin Biol Res* 1992;375:463-72.
5. **Whelan AJ**, Strauss AW, Hale DE, Mendelsohn NJ, Kelly DP: Expression and characterization of human mutant (glutamic Acid 304) medium chain acyl-CoA dehydrogenase in mammalian cells. *Pediatr Res* 1993;34:694-7.
6. Tanizawa Y, Riggs AC, Elbein SC, **Whelan AJ**, Donis-Keller H, Permutt MA: Human glucagon-like peptide-1 receptor gene in NIDDM. Identification and use of simple sequence repeat polymorphisms in genetic analysis. *Diabetes* 1994;43(6):752-7.
7. Pfeiffer SL, Bratsch D, **Whelan AJ**, Herzog TJ, Mutch DG, Goodfellow PJ: Low frequency of CDKN2 mutation in endometrial carcinomas. *Mol Carcinog* 1995; 13(4):210-12.
8. **Whelan AJ**, Watson MS, Porter FD, Steiner RD: Klippel-Trenaunay-Weber syndrome associated with a 5:11 balanced autosomal translocation. *Am J Med Genet* 1995;59:492-4.
9. Ghalib R, Howard T, Lowell J, Huettner P, **Whelan AJ**, Teefey S, White S: Plexiform neurofibromatosis of the liver (case report). *Hepatology* 1995;22(4 Pt 1):1154-7.
10. **Whelan AJ**, Bartsch D, Goodfellow PJ: Brief report: A familial syndrome of pancreatic cancer and melanoma associated with mutation in the CDKN2 tumor suppressor gene. *N Engl J Med* 1995;333(15):975-7.
11. Vocero-Akbani A, Helms C, Wang J-C, Sanjurjo FJ, Korte-Sarfaty J, Veile RA, Liu L, Jauch A, Burgess AK, Hing AV, Holt MS, Ramachandra S, **Whelan AJ**, Anker R, Ahrent L, Chen M, Gavin MR, Iannantuoni K, Morton SM, Pandit SD, Read CM,

- Steinbrueck T, Warlick C, Smoller DA, Donis-Keller H: Mapping human telomere regions with YAC and P1 clones: Chromosome specific markers for 27 telomers including 149 STSs and 24 polymorphisms for 14 proterminal regions. *Genomics* 1996;36:492-506.
12. **Whelan AJ**, Bartsch D, Goodfellow PJ: Letter to the editor. Familial melanoma and pancreatic cancer. *N Engl J Med* 1996;334(7):472.
 13. Herfurth KFK, Kodner I, **Whelan AJ**, Ivanovich JL, Bracamontes J, Wells S, and Goodfellow P: Mutations in MLH1 are more frequent than in MSH2 in sporadic colorectal cancer with microsatellite instability. *Genes Chromosomes Cancer* 1997;18:42-9.
 14. Cohn DE, Babb S, **Whelan AJ**, Mutch DG, Elbendary A, Rader JS, Herzog TJ, Goodfellow PJ: Atypical clustering of gynecologic malignancies: a family study including molecular analysis of candidate genes. *Gynecol Oncol* 2000;77:18-25.
 15. Ivanovich JL, Watson MS, **Whelan AJ**: An 11-year old boy with mosaic ring chromosome 6 and dilated aortic root. *Am J Med Genet* 2001;98:182-4.
 16. Goroll AH, Morrison G, Bass EB, Jablonover R, Blackman D, Platt R, **Whelan AJ**, Hekelman FP: Reforming the core clerkship in Internal Medicine: the SGIM/CDIM project. *Ann Intern Med* 2001;134:30-37.
 17. Swisher EM, Babb S, **Whelan AJ**, Mutch DG, Rader JS: Prophylactic oophorectomy and ovarian Cancer surveillance: patient perceptions and satisfaction. *J Reprod Med* 2001;46:87-94.
 18. Magee J, Gordon JI, **Whelan AJ**: Bringing the human genome and the revolution in bioinformatics to the medical school classroom: a case report from Washington University School of Medicine. *Acad Med* 2001; 76:852-855.
 19. Todora H, Skinner CS, Gidday L, Ivanovich JL, Rawl S, **Whelan AJ**: Perceptions of genetic risk assessment and education among first-degree relatives of colorectal cancer patients and implications for physicians. *Fam Prac* 2001;18:367-72.
 20. Josephson SA, **Whelan AJ**: A new first-year course designed and taught by a senior medical student. *Acad Med* 2002;77:1207-11.
 21. Babb SA, Swisher EM, Heller HN, **Whelan AJ**, Mutch DG, Herzog TJ, Rader JS: Qualitative Evaluation of Medical Information Processing Needs of 60 Women Choosing Ovarian Cancer Surveillance or Prophylactic Oophorectomy. *J of Gen Counseling* 2002;11:81-96.
 22. **Whelan AJ**, Babb S, Mutch DG, Rader J, Herzog TJ, Todd C, Ivanovich JL, Goodfellow PJ. 2002. MSI in endometrial carcinoma: Absence of MLH1 promoter methylation is associated with increased familial risk for cancers. *Int J Cancer* 2002;99:697-704.
 23. Ivanovich JL, Babb S, Goodfellow PJ, Mutch D, Herzog TJ, Rader J, **Whelan AJ**. Evaluation of the family history collection process and the accuracy of cancer reporting among a series of women with endometrial cancer. *Clinical Cancer Research*. 2002;8:1849-56.
 24. Andriole DA, Schechtman KB, Ryan K, **Whelan AJ**, Diemer K. How competitive is my surgical specialty? *Am J of Surg* 2002;184:1-5.
 25. Andriole DA, Schechtman KB, **Whelan AJ**. Recent trends in match process outcomes for U.S. senior medical students. *Acad Med Research in Medical Education Supplement* 2003;78(10)S6-S9.

26. Ivanovich JI, **Whelan AJ**. The importance of family history evaluation in a breast surgery or oncology practice. *Prob in Gen Surg*;Vol. 2003;20; 4; pp. 83-91.
27. Andriole DA, **Whelan AJ**, Schechtman KB. Recent trends in match process outcomes for U.S. senior medical students. *Acad Med*;Vol 78;10;Oct. supplement 2003;pp.S6-S9.
28. **Whelan AJ**, Appel J, Alper EJ, De Fer TM, Dickinson TA, Fazio SB, Friedman E, Kuzma MA, Reddy S. The future of medical student education in internal medicine. *Am J Med* 2004 April 15; 116(8):576-80.
29. Buttin BM, Powell MA, Mutch DG, Babb SA, Huettner PC, Edmonston TB, Herzog TJ, Rader JS, Gibb RK, **Whelan AJ**, Goodfellow PJ. Penetrance and expressivity of MSH6 germline mutations in seven kindreds not ascertained by family history. *Am J Hum Genet* 2004;74:1262-69.
30. Lairmore TC, Piersall LD, DeBenedetti MK, Dilley WG, Mutch MG, **Whelan AJ**, Zehnbauser B. Clinical Genetic Testing and Early Surgical Intervention in Patients With Multiple Endocrine Neoplasia Type 1 (MEN 1). *Ann Surg.* 2004 May;239(5):637-647.
31. **Whelan AJ**, Ball S, Best L, Best R, Echiverri S, Ganschow P, Hopkin R, Mayefsky J, Stallworth J. Genetic red flags. Clues to thinking genetically in primary care practice. *Prim Care Clin Office Pract* 31:2004:497-508.
32. Andriole DA, Jeffe DB, **Whelan AJ**. What predicts surgical internship performance? *Am J of Surg.* 2004;(188)161-4.
33. Ivanovich JL, **Whelan AJ**. Revisiting the role of genetics assessment among patients evaluated in a colorectal surgery practice. *Seminars in Colon & Rectal Surgery.* 2004;15(3):178-185.
34. *Andriole DA, Jeffe DB, Hageman HL, **Whelan AJ**. What predicts USMLE Step 3 performance? *Academic Medicine*, 2005;80(10):S21-24; supplement.
35. Hauer KE, Alper EJ, Clayton CP, Hershman WY, **Whelan AJ**, Woolliscroft JO. Educational responses to declining student interest in internal medicine careers. *Am J Med - Oct* 2005;118(10):1164-70.
36. Jeffe DB. Andriole DA. Sabharwal RK. Paolo AM. Ephgrave K. Hageman HL. Nuzzarello A. Jones PJ. **Whelan AJ**. Which U.S. medical graduates plan to become specialty-board certified? Analysis of the 1997-2004 national association of American Medical Colleges Graduation Questionnaire database. *Academic Medicine*, Oct. 2006;81(10 Suppl):S98-102.
37. Pastores GM, Boyd E, Crandall K, **Whelan AJ**, Piersall L, Barnett N. Safety and pharmacokinetics of agalsidase alfa in patients with Fabry disease and end-stage renal disease. *Nephrology Dialysis Transplantation* 2007 22(7):1920-1925.
38. Jeffe DB, Andriole DA, Hageman HL, **Whelan AJ**. The Changing Paradigm of Contemporary U.S. Allopathic Medical School Graduates' Career Paths: Analysis of the 1997-2004 National AAMC Graduation Questionnaire Database. *Acad Med*, Sept. 2007; 82(9);888-894.
39. Hageman HL, , **Whelan AJ**. Reaping what we sow: The Emerging Academic-medicine Workforce. *Journal of the National Medical Association* 2008. 100(9): 1026 – 1034.
40. Case AS, Zigelboim I, Mutch DG, Babb SA, Schmidt AP, **Whelan AJ**, Thibodeau SN, Goodfellow PJ. Clustering of Lynch syndrome malignancies with no evidence for a role of DNA mismatch repair. *Gynecologic Oncology.* 108(2):438-44, Feb. 2008.

41. Andriole DA, **Whelan AJ**, Jeffe DB. Characteristics and career intentions of the emerging MD-PhD workforce *Journal of the American Medical Association JAMA*. 2008 Sept. 10;300(10):1165-73. PMID: 18780845 [PubMed - indexed for MEDLINE]
42. Qiaoli Li, Dorothy K. Grange, Nicole L. Armstrong, **Alison J. Whelan**, Maria Y. Hurley, Mark A. Rishavy, Kevin W. Hallgren, Kathleen L. Berkner, Leon J. Schurgers, Qiuji Jiang and Jouni Uitto. Mutations in the GGCX and ABCC6 Genes in a Family with Pseudoxanthoma lasticum-Like Phenotypes. *Journal of Investigative Dermatology* (2009) 129, 553–563; doi:10.1038/jid.2008.271; published online September 18, 2008.
43. Andriole D, Jeffe D, Hageman H, Klingensmith M, McAlister R, **Whelan AJ**. Attrition during graduate medical education: A medical school’s perspective. *Archives of Surgery*. Dec. 2008;143(12):1172-7.
44. DICER1 Mutations in Familial Pleuropulmonary Blastoma. D. Ashley Hill,1,2, Jennifer Ivanovich; John R. Priest; Christina A. Gurnett; Louis P. Dehner; David Desruisseau; Jason A. Jarzembowski; Kathryn A. Wikenheiser-Brokamp; Brian K. Suarez; **Alison J. Whelan**; Gretchen Williams; Dawn Bracamontes; Yoav Messinger; Paul J. Goodfellow. *Science*. August 21, 2009;Vol 325:965. www.Sciencemag.org.
45. Epitope-positive truncating MLH1 mutation and loss of PMS2: implications for IHC-directed genetic testing for lynch syndrome. Israel Zigelboim; Matthew A. Powell; Sheri A. Babb; **Alison J. Whelan**; Amy P. Schmidt; Mark Clendenning; Leigha Senter; Stephen N. Thibodeau; Albert de la Chapelle; Paul J. Goodfellow. *Fam. Cancer*. 2009 December; 8(4): 501–504. Published online 2009 August 12. doi: 10.1007/s10689-009-9276-2. PMID: PMC2771133.
46. Mutations in the GGCX and ABCC6 Genes in a Family with Pseudoxanthoma Elasticum-Like Phenotypes. Qiaoli Li; Dorothy K. Grange; Nicole L. Armstrong; **Alison J. Whelan**; Maria Y. Hurley; Mark A. Rishavy; Kevin W. Hallgren; Kathleen L. Berkner; Leon J. Schurgers; Qiuji Jiang; Jouni Uitto. *Journal of Investigative Dermatology* (2009) 129, 553–563; doi:10.1038/jid.2008.271; published online 18 September 2008.
47. Primary care specialty choices of United States medical graduates, 1997-2006. Jeffe DB; **Whelan AJ**; Andriole DA. *Acad Med*. 2010 Jun;85(6):947-58.
48. A Novel Missense Mutation in Men1 Gene in a Family with Multiple Endocrine Neoplasia Type I. Hou R, Manwaring LP, Moley JF, **Whelan AJ**. *Endocr Pract*. 2011 Mar 31:1-14. PMID: 21454242

Invited Reviews: Books; Media; National Meetings:

1. **Whelan AJ**, Hing AV: Genetics of hearing loss. *Seminars in Hearing* 1995;16:246-256.
2. **Whelan AJ**, Ivanovich JL: The individual at high risk for breast cancer: identification, assessment and counseling. *Problems in General Surgery* 1996;13:33-47.
3. Ivanovich JL, **Whelan AJ**: Cancer and Peutz-Jeghers syndrome: a review. *Journal of Genetic Counseling* 1997;6:193-206.
4. Ivanovich JL, Read TE, Ciske DJ, Kodner IJ, **Whelan AJ**. A practical approach to familial and hereditary colorectal cancer. *American Journal of Medicine* 1999;107:68-77
5. Russell JH, Stahl PD, Stephenson J, **Whelan AJ**. Biomedical Education in the 21st Century. *Missouri Medicine* September/October 2004;101(5):484-6.
6. Association for American Medical Colleges National Meeting; Research in Medical Education (RIME) reviewer; 2011.

Books

1. **Whelan AJ**, Woodley M, editors: Manual of Medical Therapeutics, 27th Edition. Little, Brown and Company, Boston, 1992.

Book Chapters

1. **Whelan AJ**: Patient Care in Internal Medicine. In: Manual of Medical Therapeutics, 28th Edition. Ewald G, McKenzie C, eds. Little, Brown and Company, Boston, 1995.
2. **Whelan AJ**: Perioperative Care of the Patient. In: Washington Manual of Surgery. Gerard M. Doherty, ed. Little, Brown and Company, Boston, 1997.
3. **Whelan AJ**: Patient Care in Internal Medicine. In: Manual of Medical Therapeutics, 29th Edition. Carey C, Lee H, Woeltje K, Schaiff R, eds. Lippincott-Raven, Philadelphia, 1998.
4. **Whelan AJ**, Kang Y: Patient Care in Internal Medicine. In: Washington Manual of Medical Therapeutics, 30th Edition. Ahya SN, Flood K, ed. Lippincott Williams and Wilkins, Philadelphia, 2001.
5. Ivanovich JI, **Whelan AJ**. Practical Genetics for the Primary Care Physician. In: Adult Psychiatry, Second Edition. Rubin E, Zorumski C, ed. Blackwell Publishing, St Louis, MO. October 2005.

Papers and Abstracts (* indicates presenting author(s) at national meeting)

1. *Babb S, Swisher E, **Whelan AJ**, Mutch D, Rader J, Herzog T: Prophylactic Oophorectomy versus Ovarian Cancer Surveillance: Patient Characteristics and Post-Decision Adjustment. 1998 Annual Education Conference of National Society of Genetic Counselors, Denver, Colorado.
2. *Gallagher TH, **Whelan AJ**: A curriculum for resolving disagreements in the managed care doctor-patient relationship. Presented at the third annual meeting of the undergraduate medical education for the 21st century (UME-21) project. March 2001; Washington, DC.
3. *Andriole DA, Schectman K, Ryan K, **Whelan AJ**, Diemer K: How competitive is my surgical specialty? The view from the dean's office 1996-2000. Presented at the Association for Surgical Education. March 2001; Nashville, TN.
4. *Andriole DA, **Whelan AJ**, Schechtman K. Factors associated with recent US senior student specialty-specific match results. Presented at the 41st Annual Conference on Research in Medical Education, 113th annual meeting of the Association of American Medical Colleges.. San Francisco, CA. November 11 , 2002.
5. *Andriole DA, Klingensmith M, Jeffe DB, **Whelan AJ**. What predicts surgical PGY-1 performance? Presented at the Association for Surgical Education and Association of Program Directors in Surgery joint program, May 8, 2003; Vancouver, BC.
6. *Andriole DA, ***Whelan AJ**, Schechtman K. Recent trends in match process outcomes for U.S. Senior medical students. Presented at the 114th annual meeting of the Association of American Medical Colleges, November 9, 2003, Washington, DC.
7. *Andriole D, Jeffe DB, ***Whelan AJ**. Is there a "home field" advantage for residency training? Paper presented at the 114th Annual Meeting of the Association of American Medical Colleges, November 10, 2003, Washington, DC.

8. *Lairmore TC, Piersall LD, DeBenedetti MK, Dilley WG, Mutch MG, **Whelan AJ**, Zehnbauer B. Clinical Genetic Testing and Early Surgical Intervention in Patients With Multiple Endocrine Neoplasia Type 1 (MEN 1). Presented at the Southern Surgical Association meeting, December 1, 2003, Hot Springs, Virginia.
9. Hageman H, **Whelan AJ**, *Andriole D, Jeffe D. PGY-1 graduates' perceptions of their preparedness for residency does not correlate with their program directors' perceptions. Central Group on Educational Affairs Spring Conference, March 18-21, 2004, Omaha, NE.
10. Loveday K.; Pastores G.; Schiffmann R.; Boyd E.; **Whelan AJ**.; Flaherty J. Pharmacokinetics of agalsidase alfa in patients with Fabry disease with end-stage renal failure. *Acta Paediatrica Supplement*. 94 Suppl 447:109, March 2005.
11. Hageman H, Jeffe DB, *Andriole D, **Whelan AJ**. Long-term follow-up survey of medical school graduates: who responds? Presented at the Association of American Medical Colleges Central Group on Educational Affairs annual meeting, Madison, WI, April 2005.
12. Hageman H, Jeffe DB, *Andriole D, **Whelan AJ**. Can we identify our future medical teachers? Presented at the Association of American Medical Colleges Central Group on Educational Affairs annual meeting, Madison, WI, April 2005.
13. *Hageman H, Andriole D, Jeffe D, **Whelan AJ**. Educational Outcomes-assessment Program Development: The US Medical School Perspective. Paper presented at the Central Region Group on Educational Affairs (CGEA) Spring Conference, Madison, WI, April 7-10, 2005.
14. *Andriole D, **Whelan AJ**, Schechtman K. The effect of the resident selection process on race and gender diversity in medical specialties. Presented at the 2005 AAMC Physician workforce research conference. Washington DC, May 6, 2005.
15. *Andriole DA, Jeffe DB, Hageman HL, **Whelan AJ**. What predicts USMLE Step 3 performance? Presented at the Research in Medical Education annual conference at the Association of American Medical Colleges Annual Meeting, Washington, DC., November 6, 2005.
16. *Hageman H, Andriole D, **Whelan AJ**, Jeffe D. Selection bias in completing the AAMC Graduation Questionnaire with identifiers. Presented at the 2006 CGEA Spring Meeting, Kansas City, Kansas, March 9-12, 2006.
17. *Hageman H, Andriole A, **Whelan AJ**, Jeffe D. Selection bias in educational outcomes assessment. Presented at the 2006 CGEA Spring Meeting, Kansas City, Kansas, March 9-12, 2006.
18. *Jeffe DB, Andriole DA, Hageman HL, **Whelan AJ**. The Changing Paradigm of Contemporary U.S. Allopathic Medical School Graduates' Career Paths: Analysis of the 1997-2004 National AAMC Graduation Questionnaire Database. Presented at the Second Annual AAMC Physician Workforce Research Conference, Washington, D.C., May 4-5, 2006.
19. *Hageman HL, Andriole DA, Jeffe DB, **Whelan AJ**. Feedback – is everyone hearing the message? Presented at the 2006 Association for Medical Education in Europe (AMEE) Annual Meeting, Genoa, Italy, September 14-18, 2006.
20. *Andriole DA, Jeffe DB, Schechtman KB, **Whelan AJ**. Is surgical-workforce diversity increasing? Paper presented at the 2006 American College of Surgeons meeting, Chicago, IL, October 8-12, 2006.

21. *Jeffe, Donna B.; Andriole, Dorothy A.; Sabharwal, Rajeev K.; Paolo, Anthony M.; Ephgrave, Kimberly; Hageman, Heather L.; Nuzzarello, Angela; Jones, Paul J.; **Whelan, Alison J.** Which U.S. Medical Graduates Plan to Become Specialty-Board Certified? Analysis of the 1997-2004 National Association of American Medical Colleges Graduation Questionnaire Database. *Academic Medicine*. RIME: Proceedings of the Forty-fifth Annual Conference October 29-November 1, 2006. 81(10) Suppl:S98-S102, October 2006.
22. *Hageman HL, Andriole DA, Jeffe DB, **Whelan AJ.** Is there selection bias in graduates who choose to complete the GQ with identifiers? Presented at the 117th Annual Meeting of the Association of American Medical Colleges (AAMC), Seattle, WA, October 27 - November 1, 2006.
23. *Hageman HL, Andriole DA, Jeffe DB, **Whelan AJ.** Assessing outcomes beyond medical school: are we getting the big picture for all graduates? Poster presented at the 2006 CGEA Spring Meeting, Kansas City, KS, March 9-12, 2006, and presentation at the 117th Annual Meeting of the Association of American Medical Colleges (AAMC), Seattle, WA, October 27 - November 1, 2006.
24. *Jones P, Andriole DA, Ephgrave K, Hageman HL, Jeffe DB, Nuzzarello A, Paolo A, **Whelan AJ.** Non-traditional career paths among contemporary medical graduates: what does “the road less traveled” look like? Paper presented at the 45th annual conference on Research in Medical Education (RIME), 117th Annual Meeting of the Association of American Medical Colleges (AAMC), Seattle, WA, October 27 - November 1, 2006.
25. *Jeffe DB, Andriole DA, Ephgrave K, Hageman HL, Jones PJ, Nuzzarello A, Paolo AM, Sabharwal RK, **Whelan AJ.** Which U.S. Medical Graduates Plan to Become Specialty-Board Certified? Analysis of the 1997-2004 National AAMC Graduation Questionnaire Database. Presented at the 117th Annual Meeting of the Association of American Medical Colleges (AAMC), Seattle, WA, October 27 - November 1, 2006.
26. *Andriole DA, Jeffe D, Hageman HL, **Whelan AJ.** What Predicts Achievement of Board Certification by Contemporary US Medical School Graduates? Paper presented at the 2007 CGEA Spring Meeting, Indianapolis, IN, March 23, 2007.
27. *Andriole DA, Jeffe D, Ephgrave K, Hageman H, Jones P, Nuzzarello A, Paolo A, Sabharwal RK, **Whelan AJ.** Non-traditional Career Paths among Contemporary Medical Graduates. Abstract presented at the 2007 CGEA Spring Meeting, Indianapolis, IN, March 24, 2007.
28. Hageman H, Jeffe DB, Andriole DA, **Whelan AJ.** Does performance on discipline-specific OSCEs (objective structured clinical examination) predict subsequent performance on an interdisciplinary, clinical competency examination (CCX)? Presented at the 2008 meeting of the Association for Medical Education Europe (AMEE) Prague, CZ September 2008.
29. Jeffe DB, Andriole DA, Hageman HL, **Whelan AJ.** Does clinical competency examination performance predict USMLE Step 2CK score? Presented at the 47th annual conference on Research in Medical Education (RIME), 119th Annual Meeting of the Association of American Medical Colleges (AAMC), San Antonio, TX, October 31-November 5, 2008.
30. Andriole DA, Jeffe DB, Hageman HL, **Whelan AJ.** What predicts achievement of American Board of Medical Specialties (ABMS) member-board certification? Presented

at the 47th annual conference on Research in Medical Education, 119th annual meeting of the Association of American Medical Colleges. San Antonio TX November 2008.

Posters (* Indicates presenting author(s) at national meeting)

1. Carlson K, Hageman H, Heller R, Noll K, **Whelan AJ**: Development and Administration of an online student-run course evaluation system, Washington University School of Medicine. Presented at the Association of American Medical Colleges Central Group on Educational Affairs Spring Conference, March 14-17, 2002, Chicago, IL.
2. Andriole A, *Hageman H., Jeffe DB., Wallace C, **Whelan AJ**: Development and administration of a web-based graduate questionnaire, Washington University School of Medicine. Presented at the Association of American Medical Colleges Central Group on Educational Affairs annual meeting, March 20-23, 2003, Carver College Medical Education and Research Facility, Iowa City, Iowa.
3. Carlson K, *Hageman H, Heller R, Noll K, **Whelan AJ**: Development and Administration of an online student-run course evaluation system, Washington University School of Medicine. Presented at the Association of American Medical Colleges Central Group on Educational Affairs annual meeting, March 20-23, 2003, Carver College Medical Education and Research Facility, Iowa City, Iowa.
4. Noll K, *Engeszer R, Niedringhaus M, Hageman H, Meyer A, **Whelan AJ**: How one school succeeded in getting faculty buy-in for their electronic course management system. Presented at the Slice of Life 2003 Medical Multimedia Developers and Educators National Conference, June 24-28, 2003, Drexel University and University of Pennsylvania, Philadelphia, PA.
5. Noll K, Engeszer R, *Niedringhaus M, Hageman H, Meyer A, **Whelan AJ**: How one school succeeded in getting faculty buy-in for their electronic course management system. Presented at the Syllabus 2003 Technology for Higher Education Conference July 27-31, 2003, Stanford University, San Jose Marriott, San Jose, CA.
6. *Andriole D, Jeffe DB, ***Whelan AJ**. Is there a "home field" advantage for residency training? Presented at the poster session during the 114th annual meeting of the Association of American Medical Colleges, November 10, 2003, Washington, DC.
7. *Hageman H, **Whelan AJ**, Andriole DA, Jeffe D. PGY-1 Graduates' perceptions of their preparedness for residency does not correlate with their program directors' perceptions. Poster presented at the Central Group on Educational Affairs Spring Conference, March 18-21, 2004, Omaha, NE.
8. Mody G, Toncray K, Huang F, Carlson K, **Whelan AJ**, Jeffe D, Hageman H. Professionalism in Medical School: Results of a student-led preclinical intervention. Poster displayed at the Central Group on Educational Affairs Spring Conference, March 18-21, 2004, Omaha, NE.
9. *Hageman H, *Cameron T, *Redinius P, Lindemann J, Viggiano T, **Whelan AJ**. Outcomes-based curriculum evaluation. MERE session presented at the Central Group on Educational Affairs Spring Conference, March 18-21, 2004, Omaha, NE.
10. *Andriole DA, **Whelan AJ**, DJ. Is "Try again next year" good advice for unmatched medical students? Presented November 8, 2004 at the Research in Medical Education 43rd annual conference poster session, at the Association of American Medical Colleges 115th annual meeting, Boston, MA.

11. Hageman HL, Andriole DA, Jeffe DB, **Whelan AJ**. Assessing outcomes beyond medical school: are we getting the big picture for all graduates? Poster presented at the 2006 CGEA Spring Meeting, Kansas City, KS, March 9-12, 2006, and presentation at the 117th Annual Meeting of the Association of American Medical Colleges (AAMC), Seattle, WA, October 27 - November 1, 2006.
12. Hageman HL, Jeffe DB, Andriole DA, **Whelan AJ**. Looking beyond the Association of American Medical Colleges' Graduation Questionnaire: do graduates' responses change after five years? Presented at the Spring 2008 Meeting of the Central Group on Educational Affairs Research in Medical Education, Columbus, OH, April 10-12, 2008.
13. Jeffe DB, Andriole DA, Hageman HL, **Whelan AJ**. Does clinical competency examination performance predict USMLE Step 2CK score? Presented at the 47th annual conference on Research in Medical Education (RIME), 119th Annual Meeting of the Association of American Medical Colleges (AAMC), San Antonio, TX, October 31-November 5, 2008.
14. Andriole DA, Jeffe DB, **Whelan AJ**. Physician-scientists for the 21st century: What does the emerging MD-PhD workforce look like? Presented at the 47th annual conference on Research in Medical Education, 119th annual meeting of the Association of American Medical Colleges. San Antonio TX November 2008.

Extramural Funding for Research Projects

1. Association of Standardized Patient Educations (ASPE) 2008-10.
Hageman H (PI), Jeffe D, Paolo A, Mavis B, Veloski J, Durning S., **Whelan AJ**, Jeffe D. Predictive Validity of Clinical Competency Exams.

Editorials/Commentaries/Letters

1. Appel J, Friedman E, Fazio S, Kimmel J, **Whelan AJ**: Commentary. Educational assessment guidelines: A clerkship directors in Internal Medicine commentary. *Am J of Med* 2002;113:172-9.
2. Wilson DB, Ivanovich JI, **Whelan AJ**, Goodfellow PJ, Bessler M. Correspondence. Human telomerase RNA mutations and bone marrow failure. *The Lancet* 2003;361;1993-4.
3. Andriole DA, Jeffe DB, Dodson WE, **Whelan AJ**. Letter to the Editor. Comparing medical students' performances and their achievements as residents: similar findings. *Acad Med* 2003;78(9):853-4.
4. **Whelan AJ**, Appel J, Alper EJ, De Fer TM, Dickinson TA, Fazio SB, Friedman E, Kuzma MA, Reddy S. The future of medical student education in internal medicine. *Am J Med*. April 15, 2004; 116(8):576-80.
5. Career Intentions of MD/PhD Program Graduates. Andriole, Dorothy A. MD; **Whelan, Alison J. MD**; Jeffe, Donna B. PhD. *JAMA*. 301(6):597-598, February 11, 2009.

Invited Presentations

1. "Medium Chain Acyl-CoA Dehydrogenase Deficiency as a Cause of Sudden Infant Death." Annual Meeting of the Midwest Chapter of the American Heart Association, October 1990, St. Louis, Missouri.

2. "Genetic Aspects of Familial Polyposis." Case presentations for the Turnbull symposium, Division of Colorectal Surgery, Washington University School of Medicine, October 1994, St. Louis, Missouri.
3. "Genetics of Hearing Loss." Central Institute for the Deaf Spring Seminar Series, April 1994, St. Louis, Missouri.
4. "Humanizing Genetic Testing." Outreach Educational Program for Non-Genetics Healthcare Professionals, sponsored by ELSI Branch of Human Genome Project, May 1995, St. Louis, Missouri.
5. "Genetics for the Practicing Internist." Core Conference in Internal Medicine, Department of Internal Medicine, Washington University School of Medicine, January 1996, St. Louis, Missouri.
6. "Clinical and Molecular Investigations of a Pancreatic Cancer-Prone Family." Pediatric Grand Rounds, St. Louis Children's Hospital, February 1996, St. Louis, Missouri.
7. "Genetic Risk Assessment and Testing for Heritable Cancer." Marilyn Fixman Cancer Conference, Washington University School of Medicine, September 1996, St. Louis, Missouri.
8. "The Role of Genetic Counseling and Testing Among Individuals at Risk." Barnes-Jewish Hospital Breast Cancer Symposium, October 1996, St. Louis, Missouri.
9. "Genetic Counseling for Cancer--Who Should You Refer?" Division of Radiation Oncology Grand Rounds, Washington University School of Medicine, November 1996, St. Louis, Missouri.
10. "Presymptomatic Testing in Huntington Disease." Department of Neurology Grand Rounds, Washington University School of Medicine, February 1997, St. Louis, Missouri.
11. "Ethical Issues in Genetic Testing." Deaconess Hospital Ethics in Caring Conference, March 1997, St. Louis, Missouri.
12. "Genetic Testing." Christian Hospital Northeast Grand Rounds, March 1997, St. Louis, Missouri.
13. "Developmental Issues in Adolescents." Society of Internal Medicine, April 1997, Washington, DC.
14. "Workshop on the Diagnosis and Management of Patients and Their Families with Inherited Colorectal Neoplasms." Refresher Course and Update in General Surgery, Washington University School of Medicine, April 1997, St. Louis, Missouri.
15. "Teaching-to-Teach." Workshop for St. Louis Internal Medicine Residents, Missouri American College of Physicians, May 1997, St. Louis, Missouri.
16. "Cancer Genetics for the Internist." St. Luke's Hospital Grand Rounds, June 1997, St. Louis, Missouri.
17. "Cancer Genetics for the Primary Care Physician." Deaconess Hospital Grand Rounds, August 1997, St. Louis, Missouri.
18. "Workshop for New Clerkship Directors, Pre-Course for Clerkship Directors in Internal Medicine." Clerkship Directors in Internal Medicine National Meeting, September 1997, Chicago, IL.
19. "The Status of Genetic Testing in Hereditary Cancer." Missouri Baptist Hospital Grand Rounds, October 1997, St. Louis, Missouri.
20. "Hereditary Aspects of Cancer: Breast, Colon. Should We Test?" Christian Hospital-BJC Health System Grand Rounds, June 1998, St. Louis, MO.

21. "Pre-Course for New Clerkship Directors." Clerkship Directors in Internal Medicine National Meeting, September 1998, Denver, CO.
22. "Scientific Overview of the Technology of Human Cloning. The Cloning of Human Beings: The Ethical Ramifications" Ethics Seminar, Washington University School of Medicine, April 1999, St. Louis, Missouri.
23. "Effective Teaching, Feedback." Division of Emergency Medicine Grand Rounds, Washington University School of Medicine, May 1999, St. Louis, Missouri.
24. "Curriculum Development and Teaching Strategies for the Third Year Medicine Clerkship." Pre-Course for Clerkship Directors in Internal Medicine, Clerkship Directors in Internal Medicine National Meeting, September 1999, Toronto, Canada.
25. "Genetics: Is Colon Cancer Hereditary?" Mini-Medical School, Washington University School of Medicine, October 1999, St. Louis, Missouri.
26. "Teaching-to-Teach." Workshop for St. Louis Internal Medicine Residents, Washington University, October and November 1999, St. Louis, Missouri.
27. "Effective Feedback in Clinical Teaching." Psychiatry Grand Rounds, Washington University School of Medicine, November 1999, St. Louis, Missouri.
28. "Genetics for the Practicing Clinician." St. Luke's Hospital Medical Grand Rounds, November 1999, St. Louis, Missouri.
29. "Hereditary Cancer Core." Siteman Cancer Center Breast Cancer Retreat, Eric P. Newman Education Center at Washington University School of Medicine, January 2000, St. Louis, Missouri.
30. "Genetic Counseling." Saint Louis University Surgical Grand Rounds, February 2000, St. Louis, Missouri.
31. "Breast Cancer: Who Should Consider Testing?" Refresher Course and Update in General Surgery, Washington University School of Medicine, February 2000, St. Louis, Missouri.
32. "Genetics for the Practicing Internist." Washington University School of Medicine, Continuing Medical Education, April 2000, St. Louis, Missouri.
33. "Genetics for the Practicing Internist." Washington University School of Medicine, Medicine Resident Lecture, April 2000, St. Louis, Missouri.
34. "Genetics for the Practicing Internist." Washington University School of Medicine, Continuing Medical Education, Internal Medicine Review and Recertification Course, August 2000, St. Louis, Missouri.
35. Trainer, Precourse for Clerkship Directors, Clerkship Directors in Internal Medicine Annual Meeting, October 2000, Washington, DC.
36. Trainer, "Genetics in Primary Care: A Faculty Development Initiative's Faculty Team Training Session," Genetics in Primary Care Committee, October 2000, Chicago, IL
37. Trainer, "Genetics in Primary Care: A Faculty Development Initiative's Faculty Team Training Session," Genetics in Primary Care Committee, April 2001, Washington, DC
38. Workshop co-presenter, "Teaching Genetics in the Medicine Clerkship: Are We Ready? Should We Be?," Clerkship Directors in Internal Medicine National Meeting, October 2001, Tucson, Arizona.
39. "Li-Fraumeni Syndrome." Washington University School of Medicine, Hematology/Oncology Tumor Board, March 2002, St. Louis, Missouri.
40. "Medical Genetics." Southern Illinois University at Springfield, Grand Rounds, April 2002, Springfield, Illinois.

41. "Clinical Genetics for the Internist." American College of Physicians and American Society of Internal Medicine, Annual Meeting, September 2002, Osage Beach, Missouri.
42. "The Ethical Issues of Cloning and the Impact on Society." BJC Health System Chief Nurse Executives, Christian Hospital Northeast, October 2002, St. Louis, Missouri.
43. "Clinical Genetics and Genetic Counseling: Genetic Counseling in Alzheimer's Disease." Mini-Symposium on Ethics of Genetics Testing in Dementing Illnesses, October 2002, Chase Park Plaza, St. Louis, Missouri.
44. Workshop Co-presenter, "Integrating Genetics into Primary Care Teaching and Practice," Genetics in Primary Care, A Faculty Development Initiative, GEA Mini- Workshop, Association of American Medical Colleges Annual Meeting, November 2002, San Francisco, CA.
45. "Genetics for the Primary Care Physician." Winter Holiday Program, The University of Health Sciences Continuing Medical Education Seminar, Fairmont Hotel, December 2002, Kansas City, Missouri.
46. "Hereditary Colorectal Cancer." Missouri Baptist Medical Center, Tumor Board, February 2003, St. Louis, Missouri.
47. "Hereditary Breast Cancer." Women in Science Program, Siteman Cancer Center, Washington University School of Medicine, September 2003, St. Louis, Missouri.
48. "Nuts and bolts of building an outcomes assessment program." Andriole DA, Gruppen L, Paolo A, **Whelan AJ**. Mini-workshop presented at the Association of American Medical Colleges, Group on Educational Affairs, and Group on Student Affairs, annual meeting. November 12, 2003, Washington, D.C.
49. "Adult Genetics." Grand Rounds, Missouri Baptist Medical Center, December 2003, St. Louis, Missouri.
50. "Genetics for Gynecologic Oncologists." Goodfellow P, **Whelan AJ**. Society of Gynecologic Oncologists annual meeting. February 2004, San Diego, CA.
51. "Developing a comprehensive assessment of medical education outcomes." Presented at the International Advisory Council for Asia meeting in conjunction with Yonsei University College of Medicine and Washington University. May-June 2004, Seoul, Korea.
52. "Nuts and bolts of building an outcomes assessment program." Andriole D, Gruppen L, Paolo A, Schigeloene A, **Whelan AJ**. Mini-workshop presented at the 115th Annual Meeting of the Association of American Medical Colleges (AAMC), Boston, MA, November 5-10, 2004.
53. "Nuts and bolts of building an outcomes assessment program." Andriole DA, Mavis B, Paolo A, **Whelan AJ**. Mini-workshop presented at the Association of American Medical Colleges, Group on Educational Affairs, and Group on Student Affairs, 116th Annual Meeting, Washington, D.C., November 4-9, 2005.
54. "Chronic Disease & Genetics." Presentation to Missouri Department of Health and Senior Services, and Newborn Screening and Genetic Services. February 23, 2007, Jefferson City, Missouri.
55. "Hereditary Colorectal Neoplasia: Genetics, Testing, Treatment." Presentation to American College of Gastroenterology "Horizons in the Heartland Contemporary Management Issues in Gastroenterology ACG Regional Post-Graduate Course." August 29, 2010, St. Louis, Missouri.

COMMUNITY SERVICE PRESENTATIONS

“Maternal PKU” St. Louis Children’s Hospital and Division of Medical Genetics Community Outreach Program, November, 1994, St. Louis, Missouri.

“Cancer Prevention Panel Discussion” Barnes-Jewish Health System. Missouri Botanical Garden, October, 1997, St. Louis, Missouri.

“Genetics in Everyday Medicine.” Mini-Medical School, Washington University School of Medicine, April 1999, St. Louis, Missouri.

“Hereditary Breast and Ovarian Cancer.” Fall Cancer Symposium, Southeast Missouri Regional Cancer Center, October 1999, Cape Girardeau, MO.

“Genetics: Is Colon Cancer Hereditary?” Mini-Medical School, Washington University School of Medicine, May 2000, St. Louis, Missouri.

“Medical Decision Making: Choosing What Is Right For You.” Young Women’s Breast Cancer Symposium, Junior League of St. Louis, September 2003, St. Louis, Missouri.

“Straight Talk About Genetic Testing and Hereditary Cancer.” Missouri Baptist Medical Center auditorium, community education program, March 2004, St. Louis, Missouri.

“Families at High Risk for Breast Cancer.” Longaberger Basket Sixth Annual Breast Cancer Awareness Luncheon and Fundraiser, Marriott West, August 13, 2005, St. Louis, Missouri.

“Cancer, Genes, and Heredity.” Pleuropulmonary Blastoma (PPB) Family Weekend 2006, Hyatt Regency Hotel, Union Station, April 28, 2006, St. Louis, Missouri.

“Genetics, Cancer and Family History: What you need to know.” Presented at Siteman Cancer Center’s “Celebrating You” event. November 2, 2006, Ritz-Carlton Hotel, St. Louis, Missouri.

“Live Life Aware: Understanding Your Risk for Hereditary Cancer.” Presented at the Siteman Cancer Center at Barnes-Jewish West County Hospital, “Ask the Doctor” community event. May 13, 2009, St. Louis, Missouri.

“Live Life Aware: Understanding Your Risk for Hereditary Cancer.” Presented at the Siteman Cancer Center at Barnes-Jewish West County Hospital, “Ask the Doctor” community event. September 30, 2009, St. Louis, Missouri.

“What Every Modern Woman Needs to Know.” Siteman Cancer Center community event focusing on breast and gynecological cancers and genetics. Presented at the Culver Pavilion, St. Louis Mundy Opera at Forest Park, St. Louis, MO, June 13, 2012.

“Gastrointestinal Stromal Tumors (GIST) Cancer.” Annual gathering for GIST patients and their caregivers focusing on GIST education and support. Siteman Cancer Center, Brown Room, St. Louis, MO, October 27, 2012.