#### CURRICULUM VITAE:

## Alison J. Whelan, MD, FACP

**DATE:** February 14<sup>th</sup>, 2022

**CITIZENSHIP:** United States

#### ADDRESS/TELEPHONE NUMBERS

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Suite 100

Washington, D.C.

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#### PRESENT POSITIONS:

2021 – Present Chief Academic Officer, Association of American Medical Colleges

(AAMC), Washington, D.C.

2016 – 2021 Chief Medical Education Officer, Association of American Medical Colleges

(AAMC), Washington, D.C.

### **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

Intern in Medicine, Barnes Hospital, St. Louis, Missouri
 Junior Assistant Resident in Medicine, Barnes Hospital, St. Louis, Missouri
 Senior Assistant Resident in Medicine, Barnes Hospital, St. Louis, Missouri
 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
2000-2016	Director, Adult Genetics Clinic and Heredity Cancer Program, Department of
	Medicine
2005-2016	Professor of Medicine
2005-2016	Professor of Pediatrics
2009-2016	Senior Associate Dean for Education

# UNIVERSITY AND HOSPITAL APPOINTMENTS AND COMMITTEES:

## **HOSPITAL COMMITTEES:**

1001 2000	Manshan Intern Salaatian Committee Department of Madisine Domas Jawish
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
1997-2016	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
1998-2016	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 ad hoc, Curriculum Committee, Center for Aging
2002-2003	Member, Executive Committee of the Faculty Council Retreat Planning
	Committee

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2004	Member, Department of Internal Medicine, Committee on Internal Medicine as
	a Career Choice
2005-2006	Ad hoc 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

# WASHINGTON UNIVERSITY & WASHINGTON UNIVERSITY SCHOOL OF MEDICINE APPOINTMENTS AND COMMITTEES

1997-1999	Member, Washington University School of Medicine Liaison Committee on
1997 1999	Medical Education Subcommittee on Educational Program and Continuing
	Medical Education
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
1999-2016	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
2009-2016	Executive Faculty, ad hoc member
2009-2016	Academic Affairs Committee, ad hoc member
2009-2016	Committee on Medical Education, ad hoc member
2009-2016	Curriculum Evaluation Committees I, II, and III, ad hoc member
2009-2016	Graduate Medical Education Internal Review Subcommittee member
2012-	Curriculum Evaluation Committee IV, ad hoc member
2010-2011	President, Washington University Medical Center Alumni Association
	(WUMCAA)
2010-2016	Chair, Washington University School of Medicine Education Leadership
	Council (ELC)
2011-2015	Member, Washington University Medical Center Alumni Association
	(WUMCAA)
2011-2012	Member, Washington University Title IX Task Force Committee
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

2012-2014	Director, Association of American Medical Colleges (AAMC) Liaison
	Committee on Medical Education (LCME) reaccreditation process for
	Washington University School of Medicine
2013 - 2016	Member, WUSM Continuing Medical Education Strategic Planning Committee
2014 - 2016	Chair, WUSM Program in Physical Therapy Director Search
2014 - 2016	Medical Campus Representative to the Washington University Title IX
	Committee
2014 - 2016	Member, Forum for Women in Internal Medicine
2015 - 2016	Washington University School of Medicine Dean's Senior Leadership
	Committee on Diversity and Inclusion

## 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 (current period January
	1, 2019 – December 31, 2019)

# 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 <sup>th</sup> 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
2013	Highest Patient Satisfaction Award for Outstanding Faculty Contributions to
	Clinical Care for 2013 for the Department of Medicine at Washington
	University School of Medicine. Certificate of Appreciation presented March 9,
	2014
2014	Recipient of the 2014 Richard Brand Award, awarded by the Program in
	Physical Therapy, Washington University School of Medicine

#### 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 1997-2016.

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-present.

### PROFESSIONAL SOCIETIES AND ORGANIZATIONS

Alpha Omega Alpha, Washington University Chapter

American Association of University Women

American College of Physicians

American College of Physicians – American Society of Internal Medicine, Missouri Chapter

American Federation of Clinical Researchers (1994-1996)

American Medical Association

American Medical Women's Association, Inc.

American Society of Human Genetics

Association of American Medical Colleges

Clerkship Directors in Internal Medicine

Fellowship in the American College of Physicians (FACP); election to membership 2008

Missouri State Medical Association Society of General Internal Medicine

## NATIONAL COMMITTEES, ORGANIZATIONS, AND BOARD MEMBERSHIPS:

### On Behalf of the AAMC:

2020 - 2021	Co-Chair of Josiah Macy Jr. Foundation Conference on COVID-19 and the
	Impact on Medical and Nursing Education Conference Planning Committee
2016 - Present	Organizational Liaison, Accreditation Council for Continuing Medical
	Education (ACCME)
2016 - Present	Institutional Member, Federation of Associations of Schools of the Health
	Professions (FASHP)
2016 - Present	Board Member, Interprofessional Education Collaborative (IPEC) Council
2018 - Present	Member, Coalition for Physician Accountability
2020 - Present	Member, Veteran Affairs National Academic Affiliations Council (NAAC)
2021 - Present	Member, National Academy of Medicine Decarbonization Action Collaborative
2021 - Present	Member, American Association of Colleges of Nursing (AACN) Essentials
	Implementation Technology Working Group
2022 - Present	Vice-Chair, Interprofessional Education Collaborative (IPEC) Council Board

## **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, National Board of Medical Examiners Step 2 Committee
2005-Present	Member, National Board of Medical Examiners Step 2 Clinical Knowledge
	Interdisciplinary Review Committee; multiple terms of service
2007-2016	Member, United States Medical Licensing Examination Committee on Test
	Accommodations; multiple terms of service

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<b>Alison J. Whelan,</b> M February 2022 Page 7	M.D.
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, National Board of Medical Examiners Step 2 Committee
2012-2014	Member, National Board of Medical Examiners Examination Management Task Force
2014-2016	Chair, USMLE National Board of Medical Examiners Management Committee
2015-2017	Member, Executive Board, National Board of Medical Examiners
2016-Present	Member, Advisory Board National Board of Medical Examiners
2020-Present	Member, NBME Governance Review committee
Clerkship Dir	ectors in Internal Medicine:
1995-2016	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.

Development Initiative

Project" sponsored by HRSA

2001-2003

2001-2004

2007-2016

Chair, Red Flags Working Group for the Genetics in Primary Care Faculty

Member, National Advisory Committee for "Family Medicine Curriculum

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

2010-2016 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.

## INTERNATIONAL COMMITTEES AND ORGANIZATIONS:

2014 - 2016	Institutional Member, Best Evidence Medical Education Collaboration (BEME),
	Best Evidence Medical Education International Collaboration Center (BICC),
	through the Association for Medical Education in Europe (AMEE), United
	Kingdom
2019 - Present	Member, International Competency-based Medical Education (ICBME)
	Collaborators Committee
2021 - Present	Institutional Member, Pan American Federation of Associations of Medical
	Schools (PAFAMS)

## 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.

### CLINICAL TITLES AND RESPONSIBILITIES

1992-2016	Internal Medicine Ward Attending, Inpatient Medicine Ward Service, Barnes-
	Jewish Hospital & WUSM, St. Louis, Missouri, 4 weeks per year
1994-2016	Attending, Adult Genetics Clinic, Washington University School of Medicine,
	St. Louis, Missouri; weekly clinic

### TEACHING RESPONSIBILITIES

1994-2016	Small group leader, Genetics Course, Washington University School of
	Medicine, St. Louis, Missouri
1994-2016	Lecturer, Fellows Conference, Division of Medical Genetics, Washington
	University School of Medicine, St. Louis, Missouri
1994-2016	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
1996-2016	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
1997-2016	Lecturer and small-group leader, Medical Genetics course for first-year
	students, Washington University School of Medicine, St. Louis, Missouri

2010-2016	Small-group leader, Integrated Cases, Practice of Medicine I, first-year medical students
2015-2016	Session leader and facilitator: "First Impressions"; "Valuing the Roles and Responsibilities of Others; and "Insights and Intentions"; in the First-year Sessions" during fall 2015 and spring 2016, Center for Interprofessional Practice and Education (CIPE), a joint education initiative between Goldfarb School of Nursing, St. Louis College of Pharmacy, and Washington University School of Medicine.

# TEACHING RESPONSIBILITIES, LECTURES, GRAND ROUNDS (concluded)

Leader Simp Roles	Leaders	hip	Rol	les
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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.
1997-2016	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

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; annually since 1999.
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,
2006	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,
2000	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.

## SITE VISITS AND REVIEWS - NATIONAL

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
2013	Survey Team Member, Baylor College of Medicine, for Association of
	American Medical Colleges Liaison Committee on Medical Education
	Accreditation Site Visit, September $8 - 11, 2013$
2014	Survey Team Member, Michigan State University College of Human Medicine,
	for Association of American Medical Colleges Liaison Committee on Medical
	Education Accreditation Site Visit, upcoming on October $19 - 23$ , 2014.

## 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

### 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**

- 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.
- 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.
- 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. 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.
- 26. 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.
- 27. **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.
- 28. 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.
- 29. 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). Ann Surg. 2004 May;239(5):637-647.
- 30. **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.
- 31. Andriole DA, Jeffe DB, **Whelan AJ**. What predicts surgical internship performance? Am J of Surg. 2004;(188)161-4.
- 32. 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.
- 33. \*Andriole DA, Jeffe DB, Hageman HL, **Whelan AJ**. What predicts USMLE Step 3 performance? Academic Medicine, 2005;80(10):S21-24; supplement.
- 34. 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.
- 35. 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.
- 36. 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.
- 37. 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.
- 38. Hageman HL, **Whelan AJ**. Reaping what we sow: The Emerging Academic-medicine Workforce. Journal of the National Medical Association 2008. 100(9): 1026 1034.
- 39. Case AS, Zighelboim 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 mistatch repair. Gynecologic Oncology. 108(2):438-44, Feb. 2008.
- 40. 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]
- 41. Qiaoli Li, Grange DK, Armstrong NL, Whelan AJ, Hurley MY, Rishavy MA, Hallgren KW, Berkner KL, Schurgers LJ, Jiang Q, and Uitto J. 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.
- 42. 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.
- 43. D. Ashley Hill, 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. DICER1 Mutations in Familial Pleuropulmonary Blastoma. Science. August 21, 2009; Vol 325:965. www.Sciencemag.org.
- 44. Israel Zighelboim; 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. Epitope-positive truncating MLH1 mutation and loss of PMS2: implications for IHC-directed genetic testing for lynch syndrome. Fam. Cancer. 2009 December; 8(4): 501–504. Published online 2009 August 12. doi: 10.1007/s10689-009-9276-2. PMCID: PMC2771133.
- 45. Jeffe DB; **Whelan AJ**; Andriole DA. Primary care specialty choices of United States medical graduates, 1997-2006. Acad Med. 2010 Jun;85(6):947-58.
- 46. Hou R, Manwaring LP, Moley JF, **Whelan AJ**. A Novel Missense Mutation in Men1 Gene in a Family with Multiple Endocrine Neoplasia Type I. Endocr Pract. 2011 Mar 31:1-14. PMID: 21454242.
- 47. David R. Berk, Nicole L. Armstrong, Marwan Shinawi, **Alison J. Whelan**. Adult syndrome due to an R243W mutation in TP63. Int J Dermatol. 51(6):693-6, June 2012.

- 49. Whelan AJ. The Change to Pass/Fail Scoring for Step 1 in the Context of COVID-19: Implications for the Transition to Residency Process. *Acad Med.* 2020;95(9):1305-1307. doi:10.1097/ACM.000000000003449
- McOwen, Katherine S. MSEd; Whelan, Alison J. MD; Farmakidis, Anne L. MPS Medical Education in the United States and Canada, 2020, Academic Medicine: September 2020 - Volume 95 - Issue 9S - p S2-S4. doi: 10.1097/ACM.0000000000003497
- 51. Lomis, Kimberly D. MD; Obeso, Vivian T. MD; **Whelan, Alison J**. MD Building Trust in Entrustment: Pursuing Evidence-Based Progress in the Core Entrustable Professional Activities for Entering Residency, Academic Medicine: March 2018 Volume 93 Issue 3 p 341-342.doi: 10.1097/ACM.00000000000000001
- 52. James M. DuBois, Emily A. Anderson, John T. Chibnall, Leanne Diakov, David J. Doukas, Eric S. Holmboe, Heidi M. Koenig, Joan H. Krause, Gianna McMillan, Marc Mendelsohn, Jessica Mozersky, William A. Norcross, Alison J. Whelan; Preventing Egregious Ethical Violations in Medical Practice: Evidence-Informed Recommendations from a Multidisciplinary Working Group. *Journal of Medical Regulation* 1 December 2018; 104 (4): 23–31. doi: <a href="https://doi.org/10.30770/2572-1852-104.4.23">https://doi.org/10.30770/2572-1852-104.4.23</a>
- 53. Whelan AJ. The Change to Pass/Fail Scoring for Step 1 in the Context of COVID-19: Implications for the Transition to Residency Process. Acad Med. 2020 Sep;95(9):1305-1307. doi: 10.1097/ACM.000000000003449.
- Ten Cate O, Carraccio C, Damodaran A, Gofton W, Hamstra SJ, Hart DE, Richardson D, Ross S, Schultz K, Warm EJ, Whelan AJ, Schumacher DJ. Entrustment Decision Making: Extending Miller's Pyramid. Acad Med. 2021 Feb 1;96(2):199-204. doi: 10.1097/ACM.000000000003800.
- 55. McOwen KS, Whelan AJ, Farmakidis AL. Medical Education in the United States and Canada, 2020. Acad Med. 2020 Sep;95(9S A Snapshot of Medical Student Education in the United States and Canada: Reports From 145 Schools):S2-S4. doi: 10.1097/ACM.000000000003497.
- Ten Cate O, Schultz K, Frank JR, Hennus MP, Ross S, Schumacher DJ, Snell LS, Whelan AJ, Young JQ. Questioning medical competence: Should the Covid-19 crisis affect the goals of medical education? Med Teach. 2021 Jul;43(7):817-823. doi: 10.1080/0142159X.2021.1928619.
- Ricotta DN, Richards JB, Atkins KM, Hayes MM, McOwen K, Soffler MI, Tibbles CD, Whelan AJ, Schwartzstein RM; (on behalf of Millennium Conference 2019 writing group). Self-Directed Learning in Medical Education: Training for a Lifetime of Discovery. Teach Learn Med. 2021 Jul 19:1-11. doi: 10.1080/10401334.2021.1938074.
  - 58. Humphrey HJ, Sharp-McHenry L, Whelan AJ. Pandemic Exposes Imperative to Transform Health Professions Education. Acad Med. 2021 Nov 3. doi: 10.1097/ACM.0000000000004505. Artificial Intelligence for Health Professions Educators.
  - Lomis K, Jeffries P, Palatta A, Sage M, Sheikh J, Sheperis C, Whelan A.NAM Perspect. 2021 Sep 8;2021:10.31478/202109a. doi: 10.31478/202109a. eCollection 2021.PMID: 34901780

## **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 21<sup>st</sup> 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, 27<sup>th</sup> Edition. Little, Brown and Company, Boston, 1992.

## **Book Chapters**

- 1. **Whelan AJ**: Patient Care in Internal Medicine. In: Manual of Medical Therapeutics, 28<sup>th</sup> 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, 29<sup>th</sup> 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, 30<sup>th</sup> 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.
- \*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 21<sup>st</sup> 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. 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. Paper presented at the Association of American Medical Colleges Central Group on Educational Affairs Spring Conference, March 14-17, 2002, Chicago, IL.
- 5. \*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.
- 6. \*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.
- 7. \*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.
- 8. \*Andriole D, Jeffe DB, \*Whelan AJ. Is there a "home field" advantage for residency training? Paper presented at the 114<sup>th</sup> Annual Meeting of the Association of American Medical Colleges, November 10, 2003, Washington, DC.
- 9. \*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.
- 10. Hageman H, **Whelan AJ**, \*Andriole D, Jeffe D. PGY-l 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.
- 11. 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.
- 12. 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.
- 13. 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.
- 14. \*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.
- 15. \*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.
- 16. \*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.
- 17. \*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.
- \*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.
- 19. \*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.
- 20. \*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.
- \*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.
- \*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.
- \*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.
- \*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.
- \*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.
- 26. \*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.
- 27. \*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.
- 28. \*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.
- 29. Whelan AJ, Andriole DA, \*Hageman HL, Jeffe DB. Graduates' Perceptions of Quality of Educational Experiences in Clinical Clerkships: Analysis of the Association of American Medical Colleges' National Graduation Questionnaire (AAMC GQ) Database. Paper presented at the Association for Medical Education in Europe (AMEE) 2007, Trondheim, Norway, August 25-29, 2007.

- 30. \*Hageman HL, Andriole DA, Jeffe DB, **Whelan AJ**. Gender Differences in Predictors of Satisfaction with the Decision to Become a Physician. Presented at the Association for Medical Education in Europe (AMEE) 2007, Trondheim, Norway, August 25-29, 2007.
- 31. 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.
- 32. 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.
- 33. 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.
- 34. Jeffe D, Andriole D, Hageman H, Koong-Nah C, **Whelan AJ**. Meeting the mission to train physician-scientists: Medical school graduates' receipt of National Institutes of Health (NIH) awards, CGEA 2012 Annual Spring Conference, St. Louis, MO, March 29-31, 2012.
- 35. Jeffe DB, Andriole DA, Hageman HL, Chung K-N, Zalud-Cerrato S, **Whelan AJ**. Meeting the mission to train physician-scientists: Medical school graduates' receipt of National Institutes of Health (NIH) awards. Presented at the 51st annual conference on Research in Medical Education, 123rd annual meeting of the Association of American Medical Colleges, San Francisco, CA, November 2-7, 2012.

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

- 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.
- 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. Present ed 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. 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. Poster 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.
- 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 Syllabus 2003 Technology for Higher Education Conference July 27-31, 2003, Stanford University, San Jose Marriott, San Jose, CA.

- 5. \*Andriole D, Jeffe DB, \*Whelan AJ. Is there a "home field" advantage for residency training? Presented at the poster session during the 114<sup>th</sup> annual meeting of the Association of American Medical Colleges, November 10, 2003, Washington, DC.
- \*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.
- 7. 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.
- 8. \*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.
- 9. \*Andriole DA, **Whelan AJ**, DJ. Is "Try again next year" good advice for unmatched medical students? Poster presented November 8, 2004 at the Research in Medical Education 43<sup>rd</sup> annual conference poster session, at the Association of American Medical Colleges 115<sup>th</sup> annual meeting, Boston, MA.
- 10. 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.
- 11. Andriole DA, Jeffe DB, **Whelan AJ**. Physician-scientists for the 21st century: what does the emerging MD-PhD workforce look like? Presented at the 46th annual conference on Research in Medical Education (RIME), 118th Annual Meeting of the Association of American Medical Colleges (AAMC), Washington, DC, November 2-7, 2007.
- 12. Andriole DA, Jeffe DB, Hageman HL, Henderson KE, **Whelan AJ**. What Predicts Performance on an End-of-Third-Year Clinical-Competency Examination? Poster presented at the 118th Annual Meeting of the Association of American Medical Colleges (AAMC), Washington DC, November 2-7, 2007.
- 13. 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.
- 14. 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.
- 15. 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.
- 16. Jeffe DB, **Whelan AJ**, Andriole DA. Primary-care specialty choices of United States medical graduates, 1997-2006. Presented at the Central Group on Educational Affairs meeting, Chicago, IL, April 8-10, 2010.

## **Extramural Funding for Research Projects**

- Andriole D (PI), Ephgrave K, Hageman H, Jeffe D, Jones P, Nuzarello A, Paolo A, Whelan AJ. Project title: The Non-traditional Medical Graduate. AAMC Central Group on Educational Affairs Collaborative Project Grant. #071014. 2004 – 2006.
- 2. Hageman H (PI), Jeffe D, Paolo A, Mavis B, Veloski J, Durning S., **Whelan AJ**, Jeffe D. Predictive Validity of Clinical Competency Exams. Association of Standardized Patient Educations (ASPE) 2008-10.

### **Editorials/Commentaries/Letters**

- 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.
- 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. Andriole, Dorothy A. MD; **Whelan, Alison J. MD**; Jeffe, Donna B. PhD. Career Intentions of MD/PhD Program Graduates. Reply. JAMA. 301(6):597-598, February 11, 2009.

# Since Joining AAMC – Invited Lectureships, Presentations, Workshops, or Small Group Discussions

- "Challenges and Opportunities in Medical Education: A National Perspective."
   University of Miami Miller School of Medicine Grand Rounds, April 2017, Miami, Florida.
- "From Student to Doctor: Aligning UME and GME Teaching to Ensure Success."
   Millennium Conference Carl J. Shapiro Institute for Education and Learning, May 2017, Boston, Massachusetts.
- 3. "Challenges & Opportunities in Medical Education." University of Kansas School of Medicine Grand Rounds, June 2017, Kansas City, Kansas.
- 4. "Perspectives on the UME-GME Continuum What Should We Expect Over the Next Decade?." NYU School of Medicine, July 2017, New York, New York.
- 5. "Strategic Planning for Your Career Path: Putting it all Together." Early Career Women Faculty Leadership Development Seminar, July 2017, Westminster, Colorado.
- 6. "Medical Education Innovations at the AAMC." American Medical Association (AMA) Change MedED Conference, September 2017, Chicago, Illinois.
- 7. "Implementing Competency-Based Medical Education (CBME): Why? How? What's Next?." George Washington School of Medicine and Health Sciences Grand Rounds, September 2017, Washington, District of Columbia.
- 8. "Medical Education at AAMC." University of Illinois College of Medicine Peoria, October, 2017, Peoria, Illinois.
- 9. "Med ED 101 GIR Leadership Institute." Group on Information Resources Leadership Institute, February 2018, Washington, D.C.

- "Current Issues in Medical Education and Strategies to Support the UME-GME Transition." Alliance for Academic Internal Medicine (AAIM) Annual Conference, March 2018, Austin, Texas.
- 11. "Strategic Planning for Your Career Path." Clara Bliss Hinds Women in Medicine and Science Society Lecture, April 2018, Washington, D.C.
- 12. "Assessment in Medical Education Why Me??." National Board of Medical Examiners Invitational Conference for Educators (NICE), May 2018, Philadelphia, Pennsylvania.
- 13. "Leadership in Medical Education." Leadership Education and Development (LEAD) Program presentation, May 2018, Washington, D.C.
- 14. "Current Issues and Opportunities in Medical Education." Georgetown Education Colloquium, May 2018, Washington, D.C.
- 15. "Advancing as a Faculty Educator." Association of American Medical Colleges (AAMC) Mid-Career Minority Faculty Leadership Seminar, June 2018, Washington, D.C.
- 16. "Med ED 101: Leading Information Technology in Academic Medicine." Association of American Medical Colleges (AAMC) Group on Information Resources (GIR) Leadership Institute, January 2019, Washington, D.C.
- 17. "Continuum of Medical Education and its Relevance to Faculty Development." Society for Academic Continuing Medical Education (SACME) Annual Meeting, February 2019, Charleston, South Carolina.
- 18. "Strategic Planning for Your Career Path: Putting it all Together." Early Career Women Faculty Leadership Development Seminar, February 2019, San Diego, California.
- 19. "Competency-Based Medical Education Across the Continuum." Council on Resident Education in Obstetrics and Gynecology (CREOG) and Association of Professors of Gynecology and Obstetrics (APGO) Annual Meeting, March 2019, New Orleans, Louisiana.
- 20. "What Do Graduating Medical Students Need to Know?." Frank H. Netter School of Medicine Speaking Engagement, March 2019, North Haven, Connecticut.
- 21. "Diving Deeper in Quality Improvement & Patient Safety: Advancing Healthcare thru Competency-Based Education Across the Continuum." Western Group on Educational Affairs Spring Meeting, March 2019, Reno, Nevada.
- 22. "Teaching Today's Students to be Tomorrow's Doctors." Louisiana State University School of Medicine Daniels Lecture, April 2019, New Orleans, Louisiana.
- 23. "AAMC Update: The End of an Era, the Continuation of the Journey." Association for Hospital Medical Education (AHME) Institute, May 17, 2019, Savannah, Georgia.
- 24. "Medical Education at AAMC." Council of Faculty and Academic Societies (CFAS) Summit, June 2019, Washington, D.C.
- 25. "Re-Imagining Medical Education: Shifting Paradigms in Healthcare, Teaching, and Learning." Beth Israel Deaconess Medical Center Grand Rounds, June 2019, Boston, Massachusetts.
- 26. "Strategic Planning for your Career Path: Putting it all Together." Early Career Women Faculty Leadership Development Seminar (EWIMS), July 2019, St. Louis, Missouri.
- 27. "Vision and Contribution of Medical Schools Associations in Primary Care." XVII Ibero-American Session at the Association for Medical Education in Europe (AMEE) Annual Meeting. August 23, 2019, Vienna, Austria.
- 28. "If It Ain't Broke...We Still Need to Fix It. Drivers for Curriculum Renewal: A National Perspective." Vanderbilt University School of Medicine Grand Rounds, September 2019, Nashville, Tennessee.

- 29. "Assessment Strategies and Lessons Learned in UME." ABMS-NBME Professionalism Symposium, September 2019, Chicago, Illinois.
- 30. "Drivers for Curriculum Renewal: A National Perspective." Jacobs School of Medicine and Biomedical Sciences, University at Buffalo, September 2019, Buffalo, New York.
- 31. "Advancing as a Faculty Educator." Association of American Medical Colleges (AAMC) Mid-Career Minority Faculty Leadership Seminar, October 2019, Washington, D.C.
- 32. "Innovations in Medical Education: Reflections on the Field. Reflections from the Field." Case Western Reserve University, November 2019, Cleveland, Ohio.
- 33. "Med ED 101: Leading Information Technology in Academic Medicine." Association of American Medical Colleges (AAMC) Group on Information Resources (GIR) Leadership Institute, January 2020, Washington, D.C.
- 34. "Continuing the Work from InCUS." Zucker School of Medicine at Hofstra/Northwell, February 2020, East Garden City, New York.
- 35. "COVID-19 and the Trainee: Update from the AAMC." Academy for Professionalism in Health Care Conference: Promoting Medical Professionalism Amidst COVID-19, May 2020, virtual.
- 36. "NHMA Virtual Briefing: Dealing with the New Normal." National Hispanic Medical Association COVID-19 Briefing Session, August 26, 202, virtual.
- 37. "Gender Equity in Academic Medicine: Progress and Challenges." University of California, Riverside School of Medicine Women in Medicine & Science, September 2020. Virtual.
- 38. "Advancing as a Faculty Educator." Oklahoma University School of Medicine Faculty Development Workshop, October 2020, virtual.
- "COVID-19 and Medical Education: A National Perspective on Events and Selected Impacts." Oklahoma University School of Medicine Grand Rounds, October 2020, virtual.
- 40. "COVID-19 and the Impact on Medical Education." University of Texas at Rio Grande Valley Fireside Chat, November 5, 2020, virtual.
- 41. "Charting Your Career Path." George Washington University Clara Bliss Hinds Women in Medicine and Science Society Lecture, November 19, 2020, virtual.
- 42. "Diversity, Equity, and Inclusion: Role of Medical Education." The University of Vermont Teaching Academy 2021 Snow Season Education Retreat Plenary, January 14, 2021, virtual.
- 43. "COVID-19 and Medical Education: A National Perspective on Events and Selected Impacts." Association of Anatomy, Cell Biology and Neurobiology Chairs (AACBNC) and the Association of Medical School Neuroscience Dept Chairs (AMSNDC) Joint Annual Meeting, February 18<sup>th</sup>, 2021, virtual.
- 44. "Trust During Times of Crisis." The Academy for Professionalism in Health Care (APHC) Professionalism and Trust in Health Care During a Crisis Conference Session, February 19<sup>th</sup>, 2021, virtual.
- 45. "Emerging Areas in Medicine: Advancing Virtual Health Care through Competency-Based Education." Accreditation Council for Graduate Medical Education Annual Education Conference Session, February 25<sup>th</sup>, 2021, virtual.
- 46. "COVID-19 and Health Sciences Education: A National Perspective on Events and Selected Impacts." The University of Texas Shine Academy Innovation in Health Science Education Annual Conference, February 26<sup>th</sup>, 2021, virtual.

- 47. "The Role of Medical Educators in Promoting Diversity, Equity, and Inclusion (DEI)." Association of University Radiologists (AUR) Annual Meeting Session, May 6<sup>th</sup>, 2021, virtual.
- 48. "The Future of Learning." Interprofessional Leadership Development Program Plenary, June 8<sup>th</sup>, 2021, virtual.
- 49. "Exploring the Role of Health Professional Students and Trainees as Members of the Health Workforce." Global Forum on Innovation in Health Professional Education Workshop, September 30<sup>th</sup>, 2021, virtual.
- 50. "Coalition for Physician Accountability UME-GME Review Committee Report: AAMC Reflections and Response." Thirteen School Consortium Fall meeting Plenary Session, October 27<sup>th</sup>, 202, virtual.
- 51. "Advancing on the Educator Pathway." Mid-Career Minority Faculty Leadership Seminar session, October 27<sup>th</sup>, 2021, virtual.
- 52. "Medical Education During COVID-19 Lessons Learned." ASPR's Technical Resources, Assistance Center, & Information Exchange <u>Healthcare Operations During COVID-19</u> Speaker Series, November 4<sup>th</sup>, 2021, virtual.
- 53. "Looking Back to Learn Forward: Lessons From Step 2 CS Licensing Examination for Medical Education." Association of American Medical Colleges (AAMC) Learn Serve Lead the Annual Meeting. November 8<sup>th</sup>, 2021, virtual.
- 54. "Update From the Coalition for Physician Accountability: UGRC Recommendations." Association of American Medical Colleges (AAMC) Learn Serve Lead the Annual Meeting. November 10<sup>th</sup>, 2021, virtual.

## Invited Lectureships, Presentations, Workshops, or Small Group Discussions

- 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.
- "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.

- "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.
- "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.
- "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. "Adult Genetics." Grand Rounds, Missouri Baptist Medical Center, December 2003, St. Louis, Missouri.
- 49. "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.
- "Chronic Disease & Genetics." Presentation to Missouri Department of Health and Senior Services, and Newborn Screening and Genetic Services. February 23, 2007, Jefferson City, Missouri.
- 51. "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.
- 52. "Medical Genomics: Promise, Peril and Price." 27<sup>th</sup> Annual Dolan Lecture. November 13, 2014, The Virginia Hospital Center, Arlington, Virginia.

#### **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 Muny 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.

"What to expect as a Pre-Medical Student." Undergraduate Student Panel Discussion. Sponsored by the Washington University in St. Louis Undergraduate American Medical Women's Association (AMWA) Chapter; Danforth Campus, Seigle Hall; November 12, 2013.

# Since Joining AAMC - Collaborative Presentations, Workshops, or Small Group Discussions

- 1. "Early Findings from the AAMC's Competency Based Medical Education Initiatives: Re-Envisioning Models and Methods." Association for Medical Education in Europe (AMEE) Conference, August 2017, Helsinki, Finland.
- 2. "The Teacher as Self-Regulated Lifelong Learner." Association for Medical Education in Europe (AMEE) Conference, August 2017, Helsinki, Finland.
- "NLM/AAHSL Leadership Fellows Session: Panel on Interprofessional Education." National Library of Medicine/Association of Academic Health Sciences Libraries Leadership Fellows Session, September 2017, Washington, D.C.
- 4. "Transition to Residency: A Smooth Path or a Rocky Road?." Horvath, K, Howley, LD, Whelan, AJ. Presentation presented at the Accreditation Council for Graduate Medical Education (ACGME) Annual Educational Conference. March 3, 2018, Orlando, Florida.
- 5. "Diving Deeper in Quality Improvement & Patient Safety: Advancing Healthcare thru Competency-Based Education Across the Continuum." Bretsch, JK, Horvath, K, Whelan, AJ. Session at the ACGME Educational Conference, March 8, 2019, Portland, Oregon.
- 6. "Diving Deeper in Quality Improvement & Patient Safety: Advancing Healthcare thru Competency-Based Education Across the Continuum." Bretsch, JK, Howley, JD, Orlowski, JM., Whelan, AJ. Session at the Group on Resident Affairs Spring Meeting. April 2, 2019, Orlando, Florida.
- 7. "Discussion of Recommendations from the Invitational Conference on USMLE Scoring (InCUS)." Barone, MA., Kontos, C., Whelan, AJ. AAMC Learn Serve Lead Annual Meeting Concurrent Session. November 11, 2019, Phoenix, Arizona.
- 8. "Integrating the Arts and Humanities into Medical Education: Lessons From Across the Globe." Blasco, G., Eichbaum, Q., Gaufberg, E., Whelan, AJ. Session at the Association for Medical Education in Europe (AMEE) Annual Meeting. August 26, 2019, Vienna, Austria.
- 9. "Mitigating Disruptions in Undergraduate Medical Education During COVID-19." Cain, RA., Whelan, AJ. Council on Medical Education Stakeholders Forum. November 12, 2020, virtual.

- "Cross-Continuum Competencies in Equity, Diversity, and Inclusion." Davis, D., Garg, P., McDade, W., Whelan, AJ. Session at the AAMC Learn Serve Lead Annual Meeting. November 16, 2020, virtual.
- 11. "From InCUS to UGRC." Barone, M., Lovell, E., Mejicano, G., Whelan, AJ. Session at the AAMC Learn Serve Lead Annual Meeting. November 17, 2020, virtual.
- "Responding to the National Opioid Epidemic: NIH HEAL and AAMC Initiatives."
   Baker, R., Whelan, AJ. Session at the AAMC Learn Serve Lead the Annual Meeting. November 18, 2020. Virtual.
- A Catalyst for Change: Promoting Health Equity in Global Medical Education in the Post COVID-19 Era, Skorton, DJ, Whelan AJ, presented at Weill Cornell Medicine – Qatar webinar series. December 4, 2020.

## Collaborative Presentations, Workshops, or Small Group Discussions

- 14. "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.
- 15. "Genetics for Gynecologic Oncologists." Goodfellow P, **Whelan AJ**. Society of Gynecologic Oncologists annual meeting. February 2004, San Diego, CA.
- 16. "Nuts and bolts of building an outcomes assessment program." Andriole D, Gruppen L, Paolo A, Schigeloene A, Whelan AJ. Mini-workshop presented at the 115<sup>th</sup> Annual Meeting of the Association of American Medical Colleges (AAMC), Boston, MA, November 5-10, 2004.
- 17. "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, 116<sup>th</sup> Annual Meeting, Washington, D.C., November 4-9, 2005.

## **Committee and Board Memberships – AAMC**

Interprofessional Education Collaborative (IPEC)

Federation of Association of Schools of the Health Professions (FASHP)

Accreditation Council for Continuing Medical Education (ACCME)

National Board of Medical Examiners (NBME)

VA National Academic Affiliations Council (NAAC)

Coalition for Physician Accountability - UME-GME Planning Committee Co-Chair & Member Invitational Conference on USMLE Scoring (InCUS) Planning Committee Member