

Curriculum Vitae 7/1/2024

Elizabeth Marie Petty, M.D.

Senior Associate Dean, Office of Academic Affairs;
Medical Director, Masters of Genetic Counselor Studies Program;
Director, AMA Foundation - UW SMPH LGBTQ+ Fellowship Program;
Professor, Department of Pediatrics,
Division of Genetics and Metabolism
University of Wisconsin School of Medicine and Public Health

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Madison, WI 53705

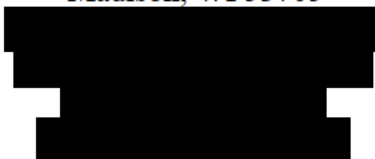


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PERSONAL DATA

Name: Elizabeth Marie Petty

EDUCATION

9/1977-5/1981 BA, Clarke College (now Clarke University), Dubuque, IA (two majors: biology, art history)
8/1982-5/1986 MD, University of Wisconsin Medical School (now the School of Medicine and Public Health), Madison, WI

POSTDOCTORAL TRAINING

6/1986-6/1989 Pediatric Intern and Resident, Department of Pediatrics, University of Wisconsin Hospitals and Clinics (now UW Health), Madison, WI
7/1989-6/1992 Postdoctoral Fellow in Medical Genetics, Departments of Genetics and Pediatrics, Yale School of Medicine, New Haven, CT
7/1991-6/1993 Postdoctoral Fellow in Clinical Molecular Genetics (DNA Diagnostics), Department of Genetics, Yale School of Medicine, New Haven, CT
7/1992-12/1993 Research Associate in Genetics, Department of Genetics, Yale School of Medicine, New Haven, CT
8/1995 Participant, Short Course in Medical and Experimental Mammalian Genetics, Jackson Laboratory, Bar Harbor, ME
4/2000 Faculty Participant, Berlex Oncology Foundation, Genetics workshop for postdoctoral physician scientists, Houston, TX

PREDOCTORAL/POSTDOCTORAL MENTORED RESEARCH

5-8/1980 Undergraduate DOE Research Fellow, Mentor - Nestor Cacherio, Ph.D., Biology Division, Mammalian Genetics Section, Oak Ridge National Laboratories, Oak Ridge, TN
Project: Cytogenetic analysis of irradiated mice at the albino (c) locus
5-8/1982 American Cancer Society Student Fellow, Mentor - E. Day Wertz, Ph.D., Department of Oncology, University of Wisconsin, Madison, WI
Project: Correlation of cell cycle phases with SOD levels
5-8/1983 Clinical Cancer Center Summer Fellow, Mentor - Robert I. DeMars, Ph.D., Departments of Genetics and Oncology, University of Wisconsin, Madison, WI
Project: Physical mapping of chromosome 6 flanking the HLA locus
9/1989-12/1992 Postdoctoral Fellow, Mentor - Allen E. Bale, MD, Department of Genetics, Yale University School of Medicine, New Haven, CT
Projects: 1) Development of novel DNA diagnostic methods, 2) Positional cloning and physical mapping of cancer predisposition syndrome genes

MAJOR PROFESSIONAL LEADERSHIP DEVELOPMENT PROGRAMS

9/2006-4/2007 Certificate, Health Care Leadership Institute (year-long interprofessional executive business course for academic medical center administrators), University of Michigan Medical School and Ross Business School, Ann Arbor, MI
9/2007 Participant, American Association of Medical Colleges, Executive Development Seminar for Associate Deans and Department Chairs, Fort Lauderdale, FL

5/2009-4/2010	Fellow, the Hedwig van Ameringen Executive Leadership in Academic Medicine Program for Women, Drexel University College of Medicine, Philadelphia, PA
8/2013-7/2014	Fellow, American Association of Medical Colleges Council of Deans, Washington, DC
3/2022-5/2022	Certificate, Leading for Racial Equity Certificate Course: Transformation and Policy Tools, Continuing Studies Program, University of Wisconsin, Madison, WI

CERTIFICATION AND LICENSURE

Certification:

National Board of Medical Examiners, 1986
 American Board of Pediatrics, 1989, recertification in 1997
 American Board of Medical Genetics and Genomics:
 - Molecular Genetics, 1993, recertification in 2002, recertification in 2005, enrolled in ABMGG Maintenance of Certification program in 2007 for ongoing recertification, most recently granted recertification in 12/2019 for ongoing participation in recertification program, meeting ongoing compliance for CME and testing
 - Clinical Genetics, 1993, recertification in 2002, recertification in 2005, enrolled in ABMGG Maintenance of Certification program in 2007 for ongoing recertification, most recently granted recertification in 12/2019 for ongoing participation in recertification program, meeting ongoing compliance for CME and testing

Licensure:

State of Connecticut, 1989-1996
 State of Wisconsin, 1987-present
 License #: 28794, exp. date 10/31/2025
 State of Michigan, 1994-present
 License #: 4301062920, exp. date: 1/12/2026

ACADEMIC APPOINTMENTS

3/1994-6/2000	Assistant Professor, Division of Medical Genetics, Department of Internal Medicine, University of Michigan School of Medicine
7/1996-6/2000	Assistant Professor (unalaried Joint Appointment), Department of Human Genetics, University of Michigan School of Medicine
1/1998-6/2011	Faculty member, Graduate Program of Cellular and Molecular Biology
1/1998-6/2011	Faculty member, Interdepartmental Concentration in Genetics Program, University of Michigan School of Public Health
7/2000-8/2007	Associate Professor with tenure, Division of Molecular Medicine and Genetics, Department of Internal Medicine, University of Michigan Medical School
7/2000-8/2007	Associate Professor (unalaried Joint Appointment), Department of Human Genetics, University of Michigan Medical School
7/2002-6/2011	Executive faculty, Genetic Counseling Training Program, Department of Human Genetics, University of Michigan Medical School
9/2007-6/2011	Professor with tenure, Division of Molecular Medicine and Genetics, Department of Internal Medicine, University of Michigan Medical School
9/2007-6/2011	Professor with tenure (unalaried Joint Appointment), Department of Human Genetics, University of Michigan Medical School

6/2011-7/2013	Adjunct Professor, Division of Molecular Medicine and Genetics, Department of Internal Medicine, University of Michigan Medical School
8/2011-present	Professor with tenure, Department of Pediatrics, University of Wisconsin School of Medicine and Public Health
8/2012-present	Program faculty, Master of Genetic Counselor Studies Program, University of Wisconsin School of Medicine and Public Health
8/2012-present	Program faculty, Master of Public Health Program, University of Wisconsin School of Medicine and Public Health

ACADEMIC ADMINISTRATIVE LEADERSHIP APPOINTMENTS

7/1996-6/2011	Medical Director, Genetic Counselor Training Program, Department of Human Genetics, University of Michigan
12/2004-12/2005	Associate Director of Education for Genetics Residency Program, Molecular Diagnostics Laboratory, Department of Pathology, University of Michigan
9/2006-5/2010	Associate Dean, Office of Student Programs and Admissions, Medical School, University of Michigan (interim status from 9/2006 - 10/2006)
6/2010-6/2011	Associate Dean, Office of Medical Student Education, Medical School, University of Michigan
8/2011-present	Senior Associate Dean, Office of Academic Affairs, University of Wisconsin School of Medicine and Public Health
3/2013-6/2015	Director, Research, Education and Career Development for the Institute for Clinical and Translational Research (CTSA), University of Wisconsin School of Medicine and Public Health
4/2016-present	Medical Director, Master of Genetic Counselor Studies Program, Department of Pediatrics and Academic Affairs, University of Wisconsin School of Medicine and Public Health
4/2020-present	Director, AMA Foundation SMPH LGBTQ+ Fellowship Program, University of Wisconsin School of Medicine and Public Health
8/2020-present	Chief Academic Officer, as delegated by Dean, University of Wisconsin School of Medicine and Public Health
11/2022-present	Administrative Leader, as delegated by the Health Sciences Leadership Council, for the Center of Interprofessional Partnership and Education, University of Wisconsin - Madison

CLINICAL/HOSPITAL ADMINISTRATIVE LEADERSHIP APPOINTMENTS

7/1996-9/2006	Medical Genetics Clinic Director, Department of Internal Medicine, Division of Molecular Medicine and Genetics, University of Michigan
7/2004-9/2006	Service Chief, Office of Clinical Affairs, Department of Internal Medicine, Division of Molecular Medicine and Genetics, University of Michigan
1/2012-present	Co-chair, Executive Board Clinical Simulation Program, UW Health

ACADEMIC INTERESTS

1. Strategic planning, continuous quality improvement, funds flow alignment
2. Curriculum development and education innovation, interprofessional education
3. Novel program development, implementation, and assessment
4. Academic and leadership coaching, mentoring, and advising
5. Professionalism and accountability in academic learning and service environments

6. Diversity, equity, and inclusion programming
7. Research on syndrome characterization and genotype/phenotype correlations
8. Individual and societal applications of genetics/genomics information and related public health, sociopolitical, legal, and ethical research
9. LGBTQ+ and gender expansive health equity in education and clinical care

GRANT SUPPORT

Extramural Active

AMA Foundation 7/1/21-6/30/25 15% effort
 LGBTQ+ Fellowship Program avg. \$172,859 direct/year Role: Prin. Investigator/Dir.
 Title: Advancing Care and Optimizing Health in the LGBTQ+ Community: Focus on Primary Care and Health Equity
 Goals: This first in the country inaugural AMA Foundation supported fellowship at the University of Wisconsin School of Medicine and Public Health (UWSMPH), in partnership with UW Health (UW), the University of Wisconsin-Madison(UW–Madison), and our statewide community, is an interdisciplinary collaborative scholarly fellowship that will (1) build on existing strong foundations of innovative diversity, equity, and inclusion strategies that support affirming LGBTQ+ services and programming for patients, learners, employees, and community members;(2) accelerate education, research, and clinical initiatives that champion primary care services to achieve health equity for all LGBTQ+ and gender diverse individuals across Wisconsin and beyond; and, ultimately,(3)emerge as an innovative, nationally prominent, community-centered academic medicine fellowship program that broadly advances LGBTQ+ health and health equity.

Kern Family Foundation 3/1/23-6/30/24 (no cost exten.)10% effort
 National Transformation Network \$143,751 direct/year Role: Sub Contract Lead
 Title: “Kern National Network (KNN) Reimagination Projects”
 Projects designed to promote flourishing and wellbeing in medical students with a focus on improving opportunities for success for learners from backgrounds that are underrepresented in medicine. New project award pending.

Extramural Past

Kern Family and Family Foundation 12/1/18-2/28/23 10% effort
 National Transformation Network \$300,000 direct/year Role: Sub Contract Lead
 Title: “Kern Institute for the Transformation of Medical Education: Kern National Network (KNN) for Caring and Character in Academic Medicine”
 Goal: The goal of the program is to leverage expertise at multiple schools to transform medical education by developing innovative programs that address character, competence, and caring in academic medicine across four pillars (students, faculty, curriculum, and culture and society). The home institution for the Kern Institute for Innovation in Medical Education in at the Medical College of Wisconsin. The other schools in the network include Giesel School of Medicine at Dartmouth, Dell Medical School at the University of Texas in Austin, Mayo Medical School in Minnesota, the University of California San Francisco Medical School, and Vanderbilt Medical School. I have been directly involved in the development of the NTN program since its inception in 2012, helped secure funding, serve on the executive leadership committee for the network, and actively participate in multi-school collaborative strategic planning and projects. As one of seven

founding faculty members of the Kern National Transformation Network (NTN) from across the country and the Kern NTN Director at the University of Wisconsin School of Medicine and Public Health, I oversee all aspects of project development, implementation, and assessment at our school.

T85HP24472 (PI: Remington) 8/1/12-7/31/17 5% effort/salary
HRSA/DHHS \$269,415 direct/year Role: Co-Investigator
Title: Training in Primary Care Medicine-Interdisciplinary and Interprofessional Graduate Joint Degree Program
Goal: The goal of this proposal is to develop a three tiered approach to increasing public health content in the required and elective curriculum of medical and physician assistant students.

UL1TR000427
(PI: Drezner) 6/27/12 – 5/31/15 10% effort/salary
NIH/NCATS \$5,941,708 per year Role: REC Director
Title: UW Clinical and Translational Science Award
Goals: The goal of the UW-ICTR is to create an environment that facilitates the transformation of research at into a continuum from investigation through discovery to translation in practice.

1P60MD003428
(PIs: Adams, A. and Sorkness C) 7/23/09 – 5/31/14 10% effort/salary
NIH/NIMHD \$1,034,524 direct/year 1 Role: RTE Director
Title: University of Wisconsin Center of Collaborative Research and Education Initiatives
This grant will establish an infrastructure to support community outreach, training, and research initiatives for the conduct of collaborative health disparities research in Wisconsin.

1-R01-DK-083347-01-A1
(T. Jayaratne) 3/5/2010-2/28/13 0% effort/salary
NIH \$1,322,941 Role: Partic. Investigator
Title: “Lay Public's Genetic Explanations for Type 2 Diabetes: Prevention Implications”
*Became consultant effective 6/1/2011 with no salary support

USAMRMC BC100503
(S. Mazzoni, PI) 5/1/2010-4/30/2013 5% effort/0% salary*
DOD \$121,143 Role: Mentor until 6/2011
Title: “AXIN2 alterations in mammary tumorigenesis”
* Eric Fearon assumed role of primary mentor 6/1/2011, I became consultant

USAMRMC BC087639
(L. Nejedlik, PI) 5/1/2010-4/30/2013 5% effort*
DOD \$224,971 Role: Partic. Investigator
Title: “Nuclear SEPT9 and JNK Regulation in Breast Cancer”
*Sofia Merjaver assumed role of primary mentor 6/1/2011 when I left the University of Michigan. I became a consultant at that time.

5T35HL007690-27
(B. Margolis, PI) 12/01/2007-11/30/2012 5% effort*
NIH/T35 \$1,025,285 Role: Assoc. Program Dir.
Title: “Short Term Biomedical Research Training Program for Medical Students

*Left position 6/1/2011

R01 CA7287 07 A1 2/10/2006-12/31/2010 50% effort/*
NIH/NCI \$1,529,516 Role: Prin. Investigator
Title: "The role of SEPT9 in cell proliferation and oncogenesis"
*negotiated reduced effort 9/1/2006 to 15% given appointment as Associate Dean
** Minority supplement awarded 8/2007, withdrawn in order for student to accept F31 (below)

1F31CA123639-01A1 (E. Peterson) 11/16/07-11/15/09 0% salary
NIH/NCR \$62,290 Role: Mentor
Title: "The role of Sept9_v1 in mammary tumorigenesis"

USAMRMC BC (L. Privette) 2/06/2006-03/05/2009 0% salary
DOD \$89,528 Role: Mentor
Title: "Decreased expression of the early mitotic gene, CHFR, contributes to the acquisition of breast cancer phenotypes"

1 R01 CA72877-01A1 4/1/2001-3/31/2005 50% effort/50% salary
NIH/NCI \$903,789 Role: Prin. Investigator
Title: "Characterization of a new breast/ovarian cancer gene"
*\$30,000 supplement awarded 8/1/2005

BC996080 4/1/2001-3/31/2002 10% effort/0% salary
Concept Award \$50,000 Role: Prin. Investigator
Title: "Identification of novel mitotic checkpoint genes in breast cancer"

USAMRMC BC 980697 7/1/99-6/30/2002 0% salary
DOD \$142,554 Role: Sponsor
Title: "Analysis of a novel 17q25 cell cycle gene homolog: Is it a breast tumor suppressor gene?"

R01 HG01881-01A1 (T. Jayaratne) 9/15/99-8/31/2002 5% effort/salary
NIH/ELSI \$561,662 Role: Collaborator
Title: "Beliefs about genetic causes for gender, class and race differences: Societal and educational implications"

1 R01 CA72877-01A1 9/8/97-3/31/2001 50% effort/0% salary
NIH/NCI \$648,774 Role: Principal Investigator
Title: "A 17q25 breast cancer gene: Isolation and analysis"

2 R01 HG01005-04 (T. Citrin) 5/1/99-11/30/2001 8% effort/salary
NIH \$1,507,714 Role: Co-Investigator
Title: "Engaging minority communities in genetics policy making"

1 K08 CA66613-01 4/7/95-3/31/2000 80% effort/salary
NIH/NCI/K08 Award \$399,600 Role: Principal Investigator
Title: "Isolation of a chromosome 17q25 gene involved in breast cancer"1

U42RR11149-01 (G. Nabel) NIH/NCRR	8/1/95-7/31/2000 \$370,000	0% salary Role: Collaborator
Title: "Production of nonviral vectors for human gene therapy"		
5 F32 CA71166-03 (L. Kalikin) NIH/NRSA	6/1/96-6/30/1999 \$82,200	0% salary Role: Sponsor
Title: "Cloning and analysis of a 17q25 gene in breast tumors"		
Research Grant (M. Burmeister) NARSAD	7/1/96-6/30/1998 \$60,000	0% salary Role: Collaborator
Title: "Evaluation of chromosome 22q11 deletions in schizophrenic patients with features of velocardiofacial syndrome"		
Cancer Research Foundation of America	10/15/1997-10/14/98 \$33,688	0% salary Role: Principal Investigator
Title: "Analysis of a genetic marker in Barrett's epithelium that may predispose to malignancy: Implications for screening and prevention of esophageal cancer"		
Wendy Will Case Cancer Research Fund	1/1/1997-12/31/1997 \$30,000	0% salary Role: Principal Investigator
Title: "Isolation of a novel breast cancer gene"		
RO1 HG01005 (T. Citrin) NIH/NCHGR	8/18/95 - 7/31/1998 \$1,012,736	2.5% effort Role: Co-Investigator
Title: "Genome technology and reproduction: Values and public policy"		
APP #1956 Burroughs Wellcome Fund	3/9/98	0% salary
Wellcome Research Travel Grant	\$2,500	Role: Principal Investigator

Intramural - Past

University of Wisconsin

PERC Wisconsin Partnership Program	10/1/2015-9/30/2017* \$150,000	5% effort/0% salary Role: Principal Investigator
Title: "Engaging clinicians in online social learning to close knowledge gaps in community health: Focus on obesity and mental health care"		
Goal: The goal of this proposal is to develop and implement a novel online social learning platform to engage health professionals across the state in learning communities that focus on public health problems that impact individuals and populations in Wisconsin and beyond.		

*no cost extension through 2018

University of Wisconsin-Madison Educational Innovation Award	4/24/2013-3/7/2014 \$40,000	0% effort/salary Role: Co-investigator
Title: Interactive Virtual Simulation in Human Anatomy: Applications of Clinically Relevant Integrated Advanced Imaging Modules in Anatomy Education		

The goal of this proposal was to develop an interactive anatomy curriculum that can be used and adapted to the various needs of the pre-health, allied health, engineering and medical physics disciplines and medical education program.

University of Wisconsin-Madison Educational Innovation Award

4/24/13-3/7/2014

0% effort/salary

\$50,000

Role: Principal Investigator

Title: "Interprofessional Simulation-Based Team Training for Health Profession Students Utilizing the Case Scenario/Critical Reader (CSCR) Builder to Create a Shared Virtual Interaction."

The goal of this proposal was to work with the UW School of Pharmacy to develop a coordinated plan to improve interprofessional education for health professionals across the health sciences.

University of Michigan

UM-NSF Advance

1/1/2004-12/31/2004

0% salary

Elizabeth Caroline Crosby Fund

\$20,000

Role: Principal Investigator

Title: "Molecular mechanisms underlying breast cancer: Cell cycle checkpoint gene, *CHFR*, in cell proliferation and malignant progression.

UMMC Cancer Biology (Myrie)

9/1/2000-8/31/2002

0% salary

Training Program

\$20,000

Role: Sponsor

Title: "MAD2L1 and the spindle checkpoint: Exploring their roles in breast cancer"

UMMC Cancer Center

1/15/1998

0% salary

Millie Schembechler

Adrenal Research Fund

\$15,000

Role: Principal Investigator

Title: "The role of MEN1 gene alterations in the development and progression of adrenocortical carcinomas"

UM-OVPR

5/1/98-6/30/99

0% salary

Distinguished Faculty Seminar

\$7,500

Role: Principal Investigator

Title: "Human genetics approaching the next millennium: An exploration of emerging issues in clinical and public health genetics"

Department of Internal Medicine

1/1/97-6/1/98

0% salary

Cross-Disciplinary

Pilot Project Proposal Award

\$25,000

Role: Principal Investigator

Title: "Comparative analysis of human 17q25 in the mouse: In search of novel cancer genes"

UMMC Cancer Center

4/1/96-3/31/1997

0% salary

Munn Research Fund

\$7,500

Role: Principal Investigator

Title: "Molecular genetic mechanisms involved in the pathogenesis of esophageal adenocarcinoma"

UMMC Cancer Center

1/8/1997

0% salary

Millie Schembechler

Adrenal Research Fund

\$23,520

Role: Principal Investigator

Title: "Analysis of genetic events in the progression of adrenocortical tumors"

Michigan Agenda for Women Career Development Award Discretionary funds for pursuit of scholarly activities	10/27/1996 \$5,000	0% salary
UM-OVPR #5097 Distinguished Faculty Seminar Title: Beyond the boundaries of Western Medicine: Addressing multidimensional perspectives of life, death and disease.	7/1/2004-2/30/2006 \$10,000	0% salary Role: Principal Investigator
UM-OVPR Research Support Title: Functional characterization of SEPT9 in tumorigenesis	3/1/2005-11/30/2005 \$15,000	0% salary Role: Principal Investigator
UMMC Cancer Center – Munn Munn Idea Award Title: “Familial adenomatous polyposis psychosocial validation study”	7/1/2004-12/31/2005 \$21,384	0% salary Role: Principal Investigator

HONORS AND AWARDS

1977-1986	Rose Totino Academic Merit Award, Clarke College
1977-1981	Presidential Academic Merit Scholarship Award, Clarke College
1977-1981	Academic Dean's List, Clarke College
1981	Kappa Gamma Pi Honor Society
1982-1986	Medical School Honor Roll/Dean’s List, University of Wisconsin
1985	Dr. T.A. Leonard Award for Obstetrics and Gynecology, University of Wisconsin
1985	Harry A. Waisman Award for Excellence in Pediatrics, University of Wisconsin
1985	Alpha Omega Alpha
1986	Janet M. Glasgow Memorial Achievement Citation
1995	KO8 - Clinical Investigator Award (1 KO8 CA66613-01) “Isolation of a chromosome 17q25 gene involved in breast cancer”
1996	Michigan Agenda for Women, Career Development Award
1997	American Medical Association Physician's Recognition Award
1997	Traditions of Leadership Award, University of Michigan Medical School
1999	Finalist, Kaiser Permanente Award for Excellence in Preclinical Teaching, University of Michigan Medical School
1999	Gender Equity Award in Medical Student Teaching, American Medical Women's Association, University of Michigan Medical School
2000	Invited Alumni Speaker, 1999-2000 Mackin-Mailander Endowed Lecture Series, Clarke College, Dubuque, Iowa
2000	Regent’s Award for Distinguished Public Service, University of Michigan
2001	Medical School Component I Teaching Award of Excellence, Voted by M1 students
2004	National Science Foundation Advance, Elizabeth Caroline Crosby Fund Award, “Cell cycle checkpoint gene, <i>CHFR</i> , in cell proliferation and malignant progression”
2004	Named as one of the years “Top Docs” in Internal Medicine by Hour Detroit Magazine

2006	Named one of “America’s Top Pediatricians” by the Consumers’ Research Council of America
2007-2009	Named one of the years “Top Docs” in Genetics by Hour Detroit Magazine
2009	Medical School nominee for Hedwig van Ameringen Executive Leadership in Academic Medicine Program for Women
2009	Named one of “America’s Top Pediatricians” by the Consumers’ Research Council of America
2010	Finalist Nominee, University of Michigan Sarah Goddard Power Award
2011	Gender Equity Award in Medical Student Teaching, American Medical Women’s Association, University of Michigan
2012	Token of Appreciation from Medical Students (TAMS) Award, Graduating seniors, University of Michigan Medical School
2013	AAMC Council of Deans Fellow, American Association of Medical Colleges
2014	Clarke University – Alumni Outcomes Wall: Inaugural Inductee
2018	Named one of the Top Pediatricians in Madison, WI, by The International Association of Pediatricians
2021	Inaugural AMA Foundation LGBTQ+ Fellowship Award (PI), selected as the only school from ~60 applicants

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

Active

American Association of Medical Colleges- Group on Education Affairs
 American Association of Medical Colleges- Group on Student Affairs
 American Medical Association
 Kern National Network
 Wisconsin State Medical Society

Recent

American College of Medical Genetics, Fellow
 American Educational Research Association
 American Society of Human Genetics
 Association for the Advancement of Science American
 American Association for Cancer Research
 American Medical Association
 Association of Molecular Pathology
 European Society for Human Genetics
 The Hastings Center
 The Human Genome Organization
 International Society for Oncodevelopmental Biology

EDITORIAL BOARDS

2007-2011	Atlas Genetics and Cytogenetics for Oncology and Hematology
2010-2011	Lead Guest Editor, Genetics Research International, Special Issue
2015-2019	Senior Associate Editor, LGBT Issues in Health Care, textbook
2020-present	Publishing Board, Wisconsin Medical Journal

PEER REVIEW SERVICE

Scientific reviewer for the following journals 1994-present, responsible for 1-2 reviews per month total (peer review activity for study sections is listed under Committee, Organizational, and Volunteer Service section of CV)

American Journal of Human Genetics
American Journal of Medical Genetics
Cancer
Cancer Detection and Prevention
Cancer Letters
Cancer Research
Carcinogenesis
Clinical Cancer Research
Cytogenetics and Cell Genetics
Genes, Chromosomes, and Cancer
Genetics
Genomics
Human Molecular Genetics
Human Mutation
Journal of Clinical Investigation
Journal of Community Genetics
Journal of Genetic Counseling
Journal of Medical Genetics
Journal of Medical Education and Curricular Development
Journal of Molecular Diagnostics
Journal of Molecular Medicine
Journal of the National Cancer Institute
Laboratory Investigation
Molecular Carcinogenesis
Oncogene
Oncology Research
PLOSone
Urology
Wisconsin Medical Journal

TEACHING ACTIVITIES (listed by institution)

Education Program Curriculum Design, Development and/or Oversight

- 2000-2003 Director of curriculum transformation for creation of new two-year MS degree program in genetic counseling to replace previous 15-month MS degree program, Department of Human Genetics, University of Michigan, Ann Arbor, MI
- 2012-2016 Comprehensive oversight and co-curriculum development of new 4-year MD curriculum, the ForWard Curriculum, an innovative fully integrated 3-Phase curriculum, University of Wisconsin School of Medicine and Public Health, Madison, WI *New Course Creation, Implementation and/or Leadership*

- 1998-1999 Course developer, director, lecturer for new graduate course in Human Genetics (fifteen 1.5-hour lectures/seminars): “Clinical Genetics: Practical Applications for Health Care Professionals,” HG645, first offered Winter term 1998; offered in winter 1999 as “The Medical Genetics Evaluation for Non-Medical Geneticists” and changed to a 5 session format where 1 hour of lecture is followed by a one hour workshop of 'hands-on' related activity, University of Michigan Medical School, Ann Arbor, MI
- 1998-2011 Course developer, supervisor and core instructor, 4th year Medical Student 4 week Outpatient Elective in Medical Genetics (~12 students/year), University of Michigan Medical School, Ann Arbor, MI
- 1999-2001 Content developer for new clinical course section and faculty leaders/lecturer (two 1-hour lectures), Human Genetics graduate course HG542 (1st year required course in Human Genetics), “The nuts, bolts, and wrenches of molecular genetic testing for human diseases,” and “Beyond normal human variation: A perspective in dysmorphology,” Department of Human Genetics, University of Michigan Medical School, Ann Arbor, MI
- 2000 Co-curriculum and course developer of two new future multidisciplinary undergraduate courses focusing on genetic issues for the University of Life Sciences Initiative, University of Michigan, Ann Arbor, MI
- 2000-2011 Curriculum developer, course director, and facilitator, Multicultural Perspectives in Clinical Genetics book/movie discussion course for genetic counseling students and faculty (select books and movies, develop questions, lead two 2-hour discussion groups per semester), Department of Human Genetics, University of Michigan Medical School, Ann Arbor, MI
- 2001 Course developer for semester long elective graduate course in art and genetics for students in the Program of Biomedical Sciences and School of Art and Design. Course syllabus provide to art school for implementation, University of Michigan, Ann Arbor, MI
- 2001-2003 Course developer and co-director, faculty lecturer (three 1½-hour lectures) and laboratory curriculum developer and supervisor (six to eight 3-hour laboratories), UC260 - Undergraduate Life Sciences fall course, “Law, ethics, and science,” University of Michigan, Ann Arbor, MI
- 2004 Curriculum section leader, content developer, and lecturer, DNA diagnostic component (four 1.5-hour lectures), Clinical Research Fellows Translation seminar series, University of Michigan Medical School, Ann Arbor, MI
- 2004-2011 Curriculum organizer and developer, course director, and lecturer, two-semester graduate course HG 650 and HG 651 (multiple 1.5-hour weekly lectures, fall and winter semester), “Advanced Clinical Concepts in Medical Genetics” for interdisciplinary graduate students, University of Michigan Medical School, Ann Arbor, MI
- 2006-2011 Curriculum developer, lecturer and director, Career Development Seminar Series for medical students (four 2-hour lectures annually, multiple small group sessions), University of Michigan Medical School, Ann Arbor, MI
- 2006-2011 Curriculum co-developer and lecturer, Genetic Counseling Skills Class, 1st year genetic counseling and workshops on ethics, medical history taking, and physical examination skills (three 2-hour lectures/workshops year), University of Michigan Medical School, Ann Arbor, MI

- 2016-present Curriculum developer, course director, and lecturer, Medical Genetics 731, Advanced Clinical Concepts for Genetics Providers (24 hours course leadership/oversight, three to six 1.5 hour direct teaching sessions), University of Wisconsin School of Medicine and Public Health, Madison, WI
- 2020-present Co-leader curriculum development, discussion leader/facilitator and co-director content oversight, Socially Responsible Practice 2-year longitudinal course on equity and inclusion, Genetic Counselor Training Program, three 1.5 hour small groups per semester), University of Wisconsin School of Medicine and Public Health, Madison, WI

Invited Lecturer/Teacher for Course or Seminar

- 1993 Invited lecturer, Department of Psychology, Southern Connecticut State University, New Haven, CT
- 1994 Invited lecturer, Short Course in Molecular Genetics for Genetic Counselors, Human Genome Center, University of Michigan Medical School, Ann Arbor, MI
- 1995 Invited lecturer, Genome Technology and its Applications, Genome Education Core, Human Genome Center, University of Michigan Medical School, Ann Arbor, MI
- 1995-1996 Invited lecturer (1.5-hour lecture each spring semester), Chemistry 106, University of Michigan, Ann Arbor, MI
- 1995-2000 Invited lecturer (2-hour lecture every fall semester), Inteflex Program, course 211 - Introduction to Health Care, "Issues in genetic testing," University of Michigan, Ann Arbor, MI
- 1995-2001 Invited lecturer (3-hour lecture and panel, one to two semesters each year), Careers in Health Professions, F. Zorn, Comprehensive Studies Program, University of Michigan, Ann Arbor, MI
- 1996 Faculty lecturer (four 2-hour sessions), Human Genetics graduate "Materials and Methods" course HG803 (2nd year required course in Human Genetics), Department of Human Genetics, University of Michigan Medical School, Ann Arbor, MI
- 1996 Invited lecturer (2-hour lecture), Epidemiology course 515, Public Health Genetics, Interdepartmental Concentration, "Genetic diseases: Looking beyond the gene," University of Michigan School of Public Health, Ann Arbor, MI
- 1996-1997 Invited lecturer, Genetics Course, Division of Urology, Department of Surgery, "Molecular genetics for the practicing urologist," "DNA diagnosis of renal diseases," University of Michigan Medical School, Ann Arbor, MI
- 1997 Invited lecturer (2-hour seminar), Public Health Genetics Interdepartmental Concentration Brown Bag Session, "A discussion about mammalian cloning," University of Michigan School of Public Health, Ann Arbor, MI
- 1997 Invited lecturer, Dermatology Residents Conference, "Molecular genetics of inherited skin disorders," University of Michigan Medical School, Ann Arbor, MI
- 1997 Invited lecturer (2-hour lecture), Epidemiology course 515, Public Health Genetics, Interdepartmental Concentration, "Clinical genetics: Applied principles of basic genetics," University of Michigan School of Public Health, Ann Arbor, MI
- 1997-2002 Invited lecturer (seven 1-hour lectures) HG 501 - 1st year Medical Genetics course for Medical Students, Department of Human Genetics, University of Michigan Medical School, Ann Arbor, MI

1999-2001	Invited lecturer (1.5-hour lecture), Cancer Biology, Micro and Immunology/Path 553 course, “Genomic instability in human cancer,” University of Michigan Medical School, Ann Arbor, MI
2000	Invited lecturer (2 hour lecture), Program in Biomedical Sciences course, “Genetic privacy and progress,” University of Michigan Medical School, Ann Arbor, MI
2001	Lecturer, Dermatology Residents’ Conference, “Skin manifestations of connective tissue disorders,” University of Michigan Medical School, Ann Arbor, MI
2001	Invited lecturer (2-hour lecture), Inteflex 211, “Presymptomatic Diagnosis of Disease,” University of Michigan Medical School, Ann Arbor, MI
2002-2007	Invited guest lecturer on requested topics, Graduate Program in Molecular Medicine and Medical Genetics (one to two 1.5-hour lectures per year), Wayne State University School of Medicine, Detroit, MI
2003-2011	Invited lecturer and small group facilitator, Patients and Populations, 1 st year medical student course (four 1-hour lectures, one patient presentation, and three 2-hour small group sessions) <i>did not participate in 2006</i> , University of Michigan Medical School, Ann Arbor, MI
2003	Invited lecturer (2-hour lecture) and panel member, Organogenesis Program graduate student short Course in Stem Cell Research, University of Michigan Medical School, Ann Arbor, MI
2003	Invited lecturer (1.5-hour lecture), Health Policy Senior Seminar, School of Public Health, University of Michigan, Ann Arbor, MI
2004-2005	Invited guest lecturer, Ethics and Clinical Research (four 2-hour lectures), Eastern Michigan University, Ypsilanti, MI
2007	Invited lecturer (1.5-hour lecture), Health Behaviors and Education graduate course HBE 669, University of Michigan School of Public Health, Ann Arbor, MI
2009-2011	Invited lecturer and workshop leader for 2 nd year genetic counseling students on job application skills (2-hour lecture and workshop), University of Michigan Medical School, Ann Arbor, MI
2009-2011	Student-invited lecturer for “Second-Look” Weekend for admitted medical students, topics “Bioethics in Practice,” “Forensic Genetics,” and “Eugenics: Past and Present” (2 hours), University of Michigan Medical School, Ann Arbor, MI
2010-2011	Invited lecturer and small group facilitator, Multidisciplinary case conference, Cells and Tissues core sequence for M1 students (2 hours), University of Michigan Medical School, Ann Arbor, MI
2011-present	Invited lecturer and workshop facilitator, Research Skills, Genetic Counseling Students (1.5 hours, spring semester annually), University of Wisconsin School of Medicine and Public Health, Madison, WI
2012-2013	Invited lecturer and small group facilitator; Medicine and Public Health (PHS650), interprofessional course, (1 hour lecture, 1 hour small group), University of Wisconsin School of Medicine and Public Health, Madison, WI
2013-2018	Invited lecturer and discussant, Health Systems, Management, and Policy course (PHS 785), interprofessional course, (2 hour roundtable lecture/discussion, spring semester annually), University of Wisconsin School of Medicine and Public Health, Madison, WI
2014-present	Invited lecturer, Physician Assistant genetics course, (1.5 hour interactive lecture, summer term annually), University of Wisconsin School of Medicine and Public Health, Madison, WI

2014-present Invited speaker and facilitator, various interprofessional courses for health professional students and pathway program learners (keynote speaker, small group facilitator, creator of enduring learning materials ~ 15 hours per year), University of Wisconsin School of Medicine and Public Health, Madison, WI

Other Teaching Assignments and Activities

1989-1992 Teaching assistant/seminar co-leader of Medical Student Genetics Course, Yale University School of Medicine, New Haven, CT

1989-1993 Regular lecturer, Clinical Genetics Grand Rounds (~12 per year), Yale University School of Medicine, New Haven, CT

1989-1993 Presenter, Journal Club, Department of Genetics (~12 per year), Yale University School of Medicine, New Haven, CT

1994-2011 Faculty mentor and clinical supervisor for Master-level students, Genetic Counseling Training Program, University of Michigan Medical School, Ann Arbor, MI

1994-2003 Faculty mentor for the Undergraduate Research Opportunity Program (UROP) – up to 2 students each semester, University of Michigan Medical School, Ann Arbor, MI

1994-2011 Weekly case presenter, Medical Genetics Clinical Conference (1 hour conference two to four times per month), University of Michigan Medical School, Ann Arbor, MI

1995-1997 Clinical Skills instructor/mentor for M2 students, 10 hours each year (5 history and physical examination evaluations with 1 student each academic year), University of Michigan Medical School, Ann Arbor, MI

1995-1999 Journal Club presenter, Department of Human Genetics, University of Michigan Medical School, Ann Arbor, MI

“Is there a gay gene: A critical look at linkage studies?”

“Genetic effects of radioactive fallout: Chernobyl revisited”

“Chipping away at DNA diagnostics: A MEGA breakthrough with a MICROchip”

“Cells are thrivin' on Survivin”

1996-2001 Faculty examiner, Comprehensive Clinical Assessment Evaluation of Medical Students (4 hours each year), University of Michigan Medical School, Ann Arbor, MI

1996-2001 Clinical Skills Instructor, M-2 Introduction to the Patient, Pulmonary Classic Exam (approximately 4 hours each year) and/or Cardiac Classic Exam (approximately 4 hours each year), University of Michigan Medical School, Ann Arbor, MI

1996-2011 Mentor for the Biomedical Research Program (one-on-one mentor for 1-2 students each summer), University of Michigan Medical School, Ann Arbor, MI

1996-2011 Mentor (1-2 students per semester), Human Genetics course 821, Graduate Student seminar, Department of Human Genetics, University of Michigan Medical School, Ann Arbor, MI

1997-1999 Clinical Genetics Interdepartmental Journal Club presenter, University of Michigan Medical School, Ann Arbor, MI

“Advances in DNA testing for inherited disorders,”

“The roles of PTEN mutations in inherited diseases and sporadic tumors”

1997-2011 Mentor, Predoctoral Genetics Training Program, University of Michigan Medical School, Ann Arbor, MI 1997-2011 Research-in-progress presentation

	(approximately 1 hour every one to two years), Department of Human Genetics, University of Michigan Medical School, Ann Arbor, MI
1998	Seminar leader/facilitator (four 2-hour sessions), Human Genetics graduate “Materials and Methods” course HG804 (2nd year required course in Human Genetics), Department of Human Genetics, University of Michigan Medical School, Ann Arbor, MI
1998	Dermatology Clinical Conference, “Ehlers-Danlos syndromes,” University of Michigan Medical School, Ann Arbor, MI
1998	Internal Medicine Department Faculty Research Conference, “Mapping and analysis of novel candidate genes involved in solid tumor malignancies”
1998-1999	Medical Student Counselor, M4 student: Jason Hwang, University of Michigan Medical School, Ann Arbor, MI
1999	Dermatology Clinical Conference, “Genetic counseling and testing issues in Ehlers-Danlos Syndromes,” University of Michigan Medical School, Ann Arbor, MI
1999	Internal Medicine House Officers Noon Teaching Conference, “What every internist should know about genetic testing,” University of Michigan Medical School, Ann Arbor, MI
2000-2001	Participant and facilitator, Life Sciences Values and Society Program’s Faculty seminar series (2 hours per month), University of Michigan Medical School, Ann Arbor, MI
2001	Small group facilitator, Breast Cancer Genetics, Second year medical students (2-hour session), University of Michigan Medical School, Ann Arbor, MI
2012-2015	Small group facilitator, Patient, Doctor, and Society course (PDS1, PDS2, PDS3, and PDS4) for Med1 and Med 2 students (twelve 2-hour sessions/semester), University of Wisconsin School of Medicine and Public Health, Madison, WI
2014	Creator and leader, multicultural perspectives in health care film seminar (two 3 hour sessions), University of Wisconsin School of Medicine and Public Health, Madison, WI
2014-present	Small group instructor, Genetic Counselor Professional Development Course, (two 1.5 hour sessions annually), University of Wisconsin School of Medicine and Public Health, Madison, WI

MENTOR FOR LEARNER RESEARCH, SCHOLARSHIP, AND/OR CAREER DEVELOPMENT

- *Mentees are listed by their name at the time of mentorship.*
- *Faculty mentor roles and faculty mentoring committees not included.*
- *Mentor relationships since 2010 that resulted in one or more mentee oral and/or poster presentations are denoted by an asterisk (*).*
- *Mentor relationships since 2010 that resulted in one or more peer-reviewed publications, including recently accepted publications, are denoted by a pound/hash symbol (#).*

Postdoctoral Fellow and Resident Mentor

University of Michigan) (n=8)

Laura Nejedlik, PhD, Primary mentor, 2009-2011*#

Current Position: Research Associate, University of Toledo

Esther Peterson, PhD, Primary mentor, 2009-2010*#

Current Position: Associate Professor, University of Puerto Rico –Rio Piedras

Ayşe Elif Erson, PhD, Primary mentor, 2004

Current position: Associate Professor, University of Ankara, Ankara, Turkey

Zhao Wang, MD/PhD, Primary mentor, 2002

Current position: Faculty, Beijing Friendship Hospital, Capital University of Medical Sciences, Beijing, China

Debora Bertola, MD, PhD, Primary mentor, 2001-2002

Current position: Faculty in Pediatrics, Clinical Geneticist, University of Sao Paulo, Brazil

Denis Kapkov, MD, Primary mentor, 2000

Current position: Internal Medicine Specialist, Somerville, NJ.

Linda Marie Kalikin, PhD, Primary mentor, 1995-1999

Current position: PhD Director, Pediatric Core Facility Laboratory, Department of Pediatrics, University of Michigan

Melanie Percy, PhD, Primary mentor, 1997-1999

Current position: Professor emeritus, Hematology/Oncology, Queens University Belfast

University of Wisconsin) (n=5)

Erin Gutowski, DO, LGBTQ+ Health Fellow, 2024-2025

Justin Temple, MD, LGBTQ+ Health Fellow, 2023-2024*

Muhammad Daud, MD, LGBTQ+ Health Fellow, 2022-2023*#

Jacob Abou-Hanna, MD, Resident Research Project, Department of Ophthalmology and Visual Sciences, 2020-2024*

Adam Bauer, MD, Resident and Fellow, Department of Pediatrics, 2019-2021*#

Current position: Assistant Professor, Department of Pediatrics, University of Wisconsin

Graduate Student Research Mentor (excluding health professional degree students)

University of Michigan, + indicates chair of thesis committee) (n=22)

+ Hande Kocak, 1st year Program in Biomedical Sciences, 2008; stayed in my laboratory for Human Genetics PhD thesis work 2009-2011, moved to another laboratory when I left the institution*#

+ Serina Mazzone, 1st year Program in Biomedical Sciences, 2008; stayed in my laboratory for Human Genetics Ph.D. thesis work 2009-2011, moved to another laboratory when I left the institution*#

+ Jennifer Keller, 1st year Program in Biomedical Sciences, 2008; Cell and Developmental Biology, PhD candidate thesis research, 2008-2011*#

Jake Higgins, 1st year Program in Biomedical Sciences, 2008

Lesley Everett, 1st year Program in Biomedical Sciences, 2007

Bilgen Ekim, 1st year Program in Biomedical Sciences, 2007

+ Janice Loffstra-Wren, 2nd year Program in Biomedical Sciences Graduate Student Rotation, 2005, Human Genetics PhD candidate thesis research, 2005-2007, left graduate school for family reasons

+ Esther Peterson, 1st year Program in Biomedical Sciences, 2004; Human Genetics PhD candidate thesis research, 2005-2009

Matt Butler, 1st year Program in Biomedical Sciences, 2002

+ Lisa Privette, 1st year Program in Biomedical Sciences, 2002; Human Genetics PhD candidate thesis research, 2003-2008

+ Juan Geldres, Masters of School of Public Health thesis research, 2002

Sara Schulz, 1st year Program in Biomedical Sciences, 2001

Andrea Cassidy, Masters of Public Health thesis research, 2000-2001
Philip Palmbo, 1st year MSTP Student Rotation, 2000
Mark Caulder, 1st year Program in Biomedical Sciences, 2000
Anne Loeb, 1st year Program in Biomedical Sciences, 2000
+ Ayse Elif Erson, 2nd year Human Genetics Graduate Student Rotation, 1999; Human Genetics PhD candidate thesis research, 1999–2004
Heidi Rotschaffer, 1st year Program in Biomedical Sciences, 1999
Bethany Fisher, 2nd year MSTP Student Rotation, 1999
+ Kenute Myrie, Human Genetics Graduate Student, 1998; Human Genetics PhD candidate thesis research, 1998-2003
Stephen Liang, Masters in Public Health Student Rotation, Concentration in Public Health Genetics, School of Public Health - 1998
Lisa Cushman, 2nd year Human Genetics Graduate Student Rotation, Human Genetics – 1997

University of Wisconsin) (n=3)

Shirene Singh, 2nd year MS Engineering, primary mentor, 2023-2024t*
Nicole Gregorich, 1st year MPH within MD/MPH dual degree program, primary mentor, 2024-present
Tess Jewell, 1st year MPH within MD/MPH dual degree program, primary mentor, 2023-present* (I nominated her for two awards, and she received both the 2024 National AMA Excellence in LGBTQ Health Award – Medical Student as well as the 2024 National GLMA Early Career Award)

Genetic Counseling Graduate Student Research Mentor

University of Michigan (n=17)

Katya Brossart, co-mentor, 2011-2012*
Darcy Huismann, primary mentor, 2010-2011*#
Alicia Giordimania, primary mentor, 2009-2010*#
Brittney Dye, primary mentor, 2009-1010*#
Bethany Parks, primary mentor, 2008-2009
Sophia Ceulemans, co-mentor, 2008-2009
Jessi Moline, co-mentor, 2007-2008
Jessa McKillop, co-mentor, 2007-2008
Laura Harris, co-mentor, 2006-2007
Amy Gaviglio, primary mentor, 2006-2007
Laura Cecchi, co-mentor, 2004-2005
Erica Stewart, primary mentor, 2004-2005
Erica Ward, primary mentor, 2004-2005
Spring Holter, co-mentor, 2004-2005
Theresa Rich, co-mentor, 2005-2006
Stephanie McElroy, co-mentor, 2005-2006
Anne Madeo, primary mentor, 1998-1999

University of Wisconsin) (n=29)

Katherine Uttal, primary mentor, 2023-2024*
Holly Greer, co-mentor, 2023-2024*
Heather Motiff, primary mentor, 2022-2024*# (selected for national 2024 NSGC podcast)
Viviane Pederson, primary mentor, 2022-2024*#

Abbie Mae Schofield, co-mentor, 2022-2024*#
Anna Miller, primary mentor, 2021-2024*#
Matthew Harder, primary mentor, 2021-2022*
Chelsea Reiersen, primary mentor, 2021-2022*#
Sara Choi, primary mentor, 2020-2021*#
Zarif Zaman, primary mentor, 2020-2021*#
Abigail Freeman, primary mentor, 2019-2020*#
Megan Benoy, co-mentor, 2019-2020*#
Christina Bouril, co-mentor, 2019-2020*
Allysa Olson, primary mentor, 2018-2019*
Jonica Richards, primary mentor, 2017-2018*#
Amy Donahue, primary mentor, 2017-2018*#
Ellen Johnson, co-mentor, 2017-2018*
Hannah Meddaugh, primary mentor, 2016-2017*
Victoria Van Vreede, primary mentor, 2016-2017*#
Camille Fischer, co-mentor, 2016-2017*#
Sara Heineman, co-mentor, 2016-2017*
Halle Adamsheck, primary mentor, 2015-2016*#
Jennifer Rietzler, primary mentor, 2015-2016*#
Aime Agather, primary mentor, 2014-2015*#
Laura Otto, primary mentor, 2014-2015*#
Meghan Krause, primary mentor, 2013-2014*#
Katie Gallagher, primary mentor, 2013-2014*#
Ashley Klein, primary mentor, 2012-2013*#
Sarah Hamilton, primary mentor, 2012-2013 *

Medical Student Research Mentor

University of Michigan) (n=12)

Anuja Jain, 2nd year Independent Research, primary mentor, 2010-2012*#
Emily Abdoler, 2nd year Biomedical Student Fellow, primary mentor, 2010*
Christina Li, 2nd year Biomedical Student Fellow, primary mentor, 2008
Courtney Denton, 2nd year Biomedical Student Fellow, primary mentor, 2003
Laurie Linden, 2nd year Biomedical Student Fellow, primary mentor, 2002
Hector Pimentel, 2nd year Biomedical Student Fellow, primary mentor, 2001
Kirsten Alexandra Neudoerffer, 2nd year Biomedical Student Fellow, primary mentor, 2000
Lauren Barrett Smith, 2nd -4th year Biomedical Student Fellow, primary mentor, 1998-2000,
Blue Cross Blue Shield Research Award recipient
Lynn (Chip) Huffman, 2nd year Biomedical Student Fellow, primary mentor, 1998, Alpha
Omega Alpha Research Project Award recipient
Michael Evers, 2nd year Biomedical Student Fellow, primary mentor, 1997, Alpha Omega
Alpha Research Project Award recipient
Stefan Gutow, 2nd year Biomedical Student Fellow, 1997
Genevieve Stewart, MPH, 2nd year Biomedical Student Fellow, primary mentor, 1996

University of Wisconsin) (n=27)

Nathan (Nate) Joseph Seiwert, 2nd year Shapiro Research Fellow, primary mentor, 2024

Isabella (Bella) Sorci, 2nd year Shapiro Research Fellow, primary mentor, 2024
 Tyler Vang, 2nd year Shapiro Research Fellow, primary mentor, 2024
 Erin Louise Mulroy Bowden, 4th year Independent Study Project, primary mentor 2023#
 Terrill O’Neal Taylor, 2nd year Shapiro Research Fellow, primary mentor, 2023*
 Aurora Rachel Resop, 2nd year Shapiro Research Fellow, primary mentor, 2023*
 Nicole Gregorich, 3rd year, Path of Distinction in Research, primary mentor, 2022-2023
 Tess Jewell, 3rd year, Path of Distinction in Research and Path of Distinction in Medical Education, primary mentor, 2022-202*#
 Eden Charles, 2nd year Shapiro Research Fellow and 3rd and 4th year Independent Study Project, primary mentor, 2022, 2023, 2024*#
 Angela Kristo, 2nd year Shapiro Research Fellow, primary mentor, 2022-2024*#
 Hassan Zagloul, 2nd year Shapiro Research Fellow, primary mentor, 2022*#
 Cassandra Windau, 2nd year Shapiro Research Fellow, primary mentor, 2021*
 Hannah Ray, 2nd year Shapiro Research Fellow, primary mentor, 2021*
 Henry Thompson, 2nd year Shapiro Research Fellow, primary mentor, 2021
 Victoria Johnson, 2nd year Shapiro Research Fellow, primary mentor, 2021*
 David Michael Martin, 2nd year Shapiro Research Fellow, primary mentor, 2020*
 Sharon-Rose Nartekwor Nartey, 2nd year Shapiro Research Fellow, primary mentor, 2020; and 4th year independent study student research, 2022*#
 Clayton Skogman, 2nd year Shapiro Research Fellow, primary mentor, 2020*
 Marwat Nasr Salamin, 2nd year Shapiro Research Fellow, primary mentor, 2020*#
 Lydia Marie Buzzard, 2nd year Shapiro Research Fellow, co-mentor, 2020*
 Annelese Elizabeth Frie, 2nd year Shapiro Research Fellow, co-mentor, 2020*
 Trevor Cooper, 2nd year Shapiro Research Fellow, primary mentor, 2019*
 Natasha Dombrowski, 2nd year Shapiro Research Fellow, primary mentor, 2019*
 Micah Larsen, 2nd year Shapiro Research Fellow, primary mentor, 2019*
 Simarjeet Puri, 2nd year Shapiro Research Fellow, primary mentor, 2019*
 Jayne-Norah Ntambi, 2nd year Shapiro Research Fellow, primary mentor, 2018*

Undergraduate Student Research Mentor (>12 hours/week research)

University of Michigan (n=24)

Renwu Zheng, Undergraduate Research Assistant, primary mentor, 2010- 2011*
 Amber Roberson, Cancer Research Summer Internship Program, primary mentor, 2009
 Jae Hee Kwak, Undergraduate Research Assistant, primary mentor, 2008-2010*
 Shibo Fan, Undergraduate Research Assistant, primary mentor, 2008-2010
 Natasha Patecho, Undergraduate Research Assistant, primary mentor, 2008 – 2010*#
 Bryanne Stanifer, Cancer Biology Undergraduate Minority Research Program, primary mentor, 2008
 Maura Munez, Cancer Biology Undergraduate Minority Research Program, primary mentor, 2007
 Roma Zolotoy, Undergraduate Research Assistant, primary mentor, 2002-2003
 Matthew Naylor, Undergraduate Research Assistant, primary mentor, 2002
 Kate Kraft, Undergraduate Research Assistant, primary mentor, 2000-2002
 Christopher Morgan, Undergraduate Research Opportunity Program and Summer Biomedical Program, primary mentor, 2000-2003
 Andrea Brenner, Internal Medicine Research Credit, primary mentor, 1999-2002

Emily Bugeaud, Undergraduate Research Opportunity Program 1997-1999, primary mentor, Biomedical Student Fellowship Award, 1998, 1999
Tina Han, Undergraduate Research Opportunity Program, 1997-1998, primary mentor, Summer Research Opportunity Program Award, 1998
Nathaniel Bowler, Independent undergraduate Internal Medicine research course, 1996, Cellular and Molecular Biology Honor Thesis, primary mentor, 1997-1998
Thomas Young, Undergraduate Research Opportunity Program 1994-1995, Biology Honors Thesis, primary mentor, 1996-1997
Christine Politis, Biology Major, Pre-med student, primary mentor, 1997
Geoffrey Connors, Undergraduate Research Opportunity Program, primary mentor, 1996-1997
Dalia Smith, Undergraduate Research Opportunity Program, primary mentor, 1995-1996
Naveen Solomon, Undergraduate Research Assistant, primary mentor, 1995-1996
Abby Grant, BS, Cellular and Molecular Biology Honors Thesis, primary mentor, 1994-1995
Elizabeth Collins, Undergraduate Research Assistant, primary mentor, 1995-1996
Deepa Servesian, Undergraduate Research Opportunity Program, primary mentor, 1995
Semhal Abbay, Undergraduate Research Opportunity Program, primary mentor, 1994-1995

Additional Doctoral Thesis Committees and Training Grant Advisor/Mentor

University of Michigan - prelim committees not included (n=9)

Elizabeth Van Tubergen, Dentistry, 2009-2012
Mara Steinke, Human Genetics, 2004-2010
Natalie Whitefield, Cellular and Molecular Biology, 2004-2009
Laura Heinem, School of Social Work, 2004-2006
Weirui Li, Human Genetics, 2002-2005
Kelly Bromfield Cha, Human Genetics, 2001-2004
Anne Loeb Casper, Human Genetics, 2001-2004
Mary Grace Brandt, School of Public Health, 2001-2003
Lisa Cushman, Human Genetics, 1998-2000

University of Michigan - Training Grant Mentor/Advisor

Summer Biomedical Research Program
Clinical Translational Research Program Grant
Department of Human Genetics Predoctoral Training Program
Cellular and Molecular Biology Training Grant
UMMC Cancer Biology Program
Medical Scientists Training Program
School of Nursing - Women's Health

COMMITTEE, ORGANIZATIONAL, AND VOLUNTEER SERVICE

Institutional Committee Appointments

Yale University

1990-1993

Curriculum Committee - Clinical Genetics Training Program, Department of Genetics, Yale University School of Medicine

University of Michigan

- 1994-1995 Division of Molecular Medicine and Genetics Representative for “Advances in Internal Medicine CME Course”
- 1994-1995 Genome Ethics Committee: Chairperson, Genetic Technology and its Applications subcommittee
- 1995 Clinical Care Planning Team - Reception Area D, Internal Medicine
- 1995-2011 Comprehensive Cancer Center member (Cancer Genetics and Gene Therapy, Breast Cancer, and Cancer Biology Training Programs)
- 1996-2001 Council on Genetics and Society, Community Outreach Committee member
- 1996-2001 Physician Coordinating Team, Medical Genetics Physician Lead - Pod D Exemplar, Taubman Center
- 1996-2006 Outpatient Clinic Director, Department of Internal Medicine, Division of Medical Genetics
- 1996-2011 Medical Director, Genetic Counselor Training Program, Department of Human Genetics
- 1996-2011 Head of Adult Medical Genetics Residency Education, Department of Internal Medicine
- 1997-1998 Alternate, University of Michigan Senate Assembly
- 1997-2011 Member, Committee of the Student Biomedical Research Program, Medical School
- 1997-2011 Member, Center for Organogenesis
- 1997-2011 Faculty Sponsor, Gay/Lesbian/Bisexual Medical Student Association
- 1998-1999 Advisory Board, Pulmonary Immunology Group, Veterans Administration – REAP Award
- 1998-1999 Member, Committee on Penetration of Human Genetics in the Medical School Curriculum, Department of Human Genetics
- 1998-1999 Committee Chair, Ad-hoc Student Misconduct Committee, Department of Human Genetics
- 1999-2001 Faculty Member, Department Education Committee, Department of Internal Medicine
- 2000-2003 Medical School Curriculum Committee member
- 2000-2003 Advisory Committee, Life Sciences Initiative - Values and Society Program
- 2001 Committee for “L” Building Programming/Design Group, Life Sciences Initiative
- 2001-2002 Search Committee, Director of Genetic Counseling Program, Department of Human Genetics
- 2001-2002 Search Committee for the Chair of the Interdepartmental Concentration in Genetics, School of Public Health
- 2001-2002 Committee for Development of the Genetics in Medicine Center, Department of Human Genetics
- 2001-2011 Executive Committee for the Interdepartmental Concentration in Genetics, School of Public Health
- 2002 Department of Human Genetics Retreat Planning Committee
- 2002-2003 McKay Cardiovascular Center Grant Review Committee
- 2002-2003 Curriculum Revision Advisory Committee, Genetic Counseling Training Program, Department of Human Genetics
- 2002-2009 Awards Committee, Department of Internal Medicine
- 2003-2011 Executive Faculty Advisory Committee, Genetic Counseling Training Program, Department of Human Genetics
- 2004-2009 Steering Committee, Life Sciences Values and Society Program

2005-2009	Committee for Development of the Genetics in Health and Medicine Center, Medical School
2006-2009	McKay Cardiovascular Center Grant Review Committee
2006-2010	Medical School Curriculum Committee, non-voting member
2006-2010	Medical School Basic Science Academic Review Board and Clinical Academic Review Board, non-voting member
2006-2010	Medical School Component Director and Associate Component Director Group
2006-2011	Office of Student Programs Managers Group
2006-2011	Medical School Admissions Executive Committee, non-voting member
2007-2009	Rackham Merit Fellowship Application Review Committee
2008	Diversity Committee, Department of Internal Medicine
2009-2011	Awards Committee, Department of Human Genetics
2009-2011	Educational Deans Leadership Group
2010-2011	Chair, Medical School Component Directors/Associate Component Director Group
2010-2011	Chair, Basic Science Academic Review Board
2010-2011	Chair, Clinical Science Academic Review Board
2010-2011	Chair, Curriculum Policy Committee
2010-2011	Chair, LCME Self-study Steering Committee and Co-chair, LCME Self-study Educational Programs Committee

University of Wisconsin - Madison

2012-2015	Educational Innovations Committee
2102-presnt	University Committee and Assessment and Academic Affairs
2012-2013	Year of Innovation Committee– Knowledge/Technology Transfer Subcommittee
2013-2014	Co-Chair, Search Committee for Department of Medical Genetics and Department of Genetics Chair
2015-2018	Co-Chair, Human Genomics and Precision Medicine Initiative
2015-2020	Native Nations UW Strategic Working Group
2016-2018	IRB Working Group
2020-2020	Strategic Workforce Planning Working Group
2020-2022	Instructional Continuity Associate Deans Group
2021-present	Center for Teaching, Learning, and Mentoring Advisory Board

University of Wisconsin School of Medicine and Public Health

2011-present	Education Policy and Curriculum Committee (ex-officio)
2011-2013	Wisconsin Medical School Alumni Association Advisory Board
2011-2015	Office of Continuing Professional Development Committee
2011-present	MD Admissions Scholarship Committee
2011-present	Dean's Leadership Team
2011-presnt	Education Leadership Team (chair)
2011-2015	Co-chair, Mission-aligned Money Allocation Committee
2011-2018	Wisconsin Academy for Rural Medicine Advisory Board
2011-present	Wisconsin Partnership Program Committee for Education and Research Grants
2011-2012	Clinical Clerkship Transformation Committee
2011-2013	Health Care Working Group, Business School
2011-2017	Health Sciences Institutional Review Board
2011-present	Mentor, Genetic Counseling Program Research Program (average 2 students per year)

2011-present	Master of Public Health Steering Committee
2011-present	Aurora Health System – UW Medical Group Board of Directors
2012-2017	Curriculum Transformation Steering Committee
2012-present	Clinical Simulation Program Oversight Executive Board, co-chair
2012-2015	Genomics Task Force, Comprehensive Cancer Center
2012-present	Medical Scientists Training Program Steering Committee
2012-2013	Preventive Medicine Residency Program Steering Committee
2014-2015	Basic Sciences Strategic Planning Initiative, Task Force Leader for Basic Sciences in Health Professions Education
2014-present	Academic Missions Subcommittee, UW-Health and Aurora Health System
2015-present	LCME Faculty Lead and Chair, LCME Operations Committee
2015-present	Chair, LCME Steering and Quality Improvement Committee
2015-2017	Co-chair, UW Human Genomics and Precision Medicine Planning, Steering and Search Committees
2016-2017	UW Health Education Funds Flow Committee member
2016-present	Graduate Medical Education Council
2017-present	Academic Senior Leadership Council
2017-present	Student Mistreatment Triage Committee (chair, 2017-2020)
2017-present	Chair, joint UW School of Medicine and Public Health – UW Health Climate Improvement Steering Committee - Building Community Initiative
2016-2018	Graduate Medical Education Finance Committee member
2018-present	UW School of Medicine and Public Health – UW Health Academic Funds Flow Committee member
2019-2024	Zorba Paster Innovation Award Committee (chair)
2019-present	Ebling Library arts journal, <i>Corpus Callosum</i> , executive review board
2020-2022	Smart Restart Committee
2020-present	Wisconsin State Medical Journal Publication Board
2020-present	Vice Chairs for Education – Academic Education Leaders Committee
2021-2024	UW Health Community Practice Model Committee
2021-present	UW Health Workforce Planning Committee

Institutional Symposium Organizer and Host

1998-1999	Distinguished Faculty/Graduate Student Seminar Series, “Human Genetics Approaching the New Millennium: An Exploration of Emerging Issues in Clinical and Public Health Genetics.” Organizer, host, and presenter. Sponsored through competitive funding granted by the Office of the Vice President of Research, University of Michigan. Series included lectures, workshops, and faculty/student luncheons with five invited prominent medical or public health geneticists.
2004-2005	Distinguished Faculty/Graduate Student Seminar Series “Beyond the Boundaries of Western Medicine: Addressing Multidimensional Perspectives of Life, Death and Disease.” Sponsored through competitive funding granted by the Office of the Vice President of Research, University of Michigan. Organizer, host, and presenter. Series included lectures, workshops, and faculty/student luncheons with three invited prominent clinicians.

- 2008 Multidisciplinary Medical Genetics and Dermatology Conference “Clinical Conference on Cutaneous Conditions and Connective Tissue Disorders.” Co-organizer, co-host. Brought in two outside expert physician scientist discussants and coordinated presentations teaching cases for students, house officers and faculty. Sponsored by the Department of Human Genetics.
- 2009-2010 Distinguished Faculty/Graduate Student Seminar Series, “Personalized Genomics,” Sponsored through competitive funding granted by the Office of the Vice President of Research, University of Michigan. Organizer and host. Series included lectures, workshops, and faculty/student luncheons with three invited prominent clinicians.
- 2010 Women in Medicine Symposium, Organized and sponsored National Library of Medicine travelling exhibit on Women in Medicine, hosted two showings of the play “A Woman Alone” which depicted the story of Dr. Elizabeth Blackwell as portrayed by Linda Gray, and hosted a reception for faculty and students with guest speakers.
- 2012 Academic Affairs Retreat, “Academic Affairs in Action (A3) – Focus on Lean Quality Improvement.” Co-organizer, presenter, and host for half-day off-site retreat for faculty and staff in Academic Affairs. Coordinated guest lecture, team building activities, and A3 small group workshop to increase collaboration and provide tools for improvement based on lean approaches and practices.
- 2013 Academic Affairs Retreat, “Open to Awesomeness.” Co-organizer, presenter, and host for half-day off-site retreat for faculty and staff in Academic Affairs. Coordinated guest lecture, global café, and workshops for faculty and staff in Academic Affairs to identify and develop collaborative projects across programs to increase synergy and build new mutually beneficial initiatives for stakeholders.
- 2016 Academic Affairs Retreat, “Diversity, Inclusion, and Bias.” Organizer, host, workshop/discussion leader for half-day off-site retreat for faculty and staff in Academic Affairs. Brought in guest keynote speaker. Led and coordinated activities for participants to explore and examine issues of inclusivity and bias that may impact the learning environment and their service to others.
- 2017-2018 Climate Improvement meetings and workshop. Co-organizer, co-host, workshop/discussion leader for strategic planning meetings and workshop for faculty, staff, and students across school and affiliated health systems. Brought in quality improvement consultants. Led and coordinated activities for participants to explore and examine issues of inclusivity and bias that may impact the learning environment and their service to others.
- 2018 Academic Affairs Retreat, “Work Life Integration: Well and Wonderful.” Organizer, host, workshop/discussion leader for full day off-site retreat for faculty and staff in Academic Affairs. Brought in guest key-note group for motivational workshop. Led and coordinated activities for participants to explore wellness and motivation that may impact the work and learning environment.

- 2022 Academic Affairs Retreat, “Strategic Planning” to promote “Exceptional education for extraordinary futures.” Worked with leader from the UW Office of Strategic Consulting to host a day-long workshop.
- 2023 Education Team Leadership Retreat, “Quality Improvement Workshop on Communication Within and Across Academic Affairs.” Planned and led half-day workshop on quality improvement to enhance communication with learners and faculty and staff within, and beyond, Academic Affairs.

Regional Activities

Symposium Organizer, Speaker, and Moderator

CME accredited Genetics Symposium for Physicians
 Symposium title: “The Application of New Genetic Knowledge in Primary Medical Care,”
 Talk title: “Genetic Discoveries and the Primary Care Practitioner”
 Sponsored by Blue Cross and Blue Shield of Michigan, Southfield, MI, 1/25/1997

Government Appointments

State of Michigan Governor’s Commission on Genetic Privacy and Progress. One of eleven statewide members selected to serve on the one year commission that resulted in a comprehensive report to the Governor on ethical, legal, and social issues related to the applications of genetic screening, testing, and research. 1997-1998

Outside Attending Staff Physician

State of Michigan Outreach Clinical Genetics Services, coordinated through the Division of Pediatric Genetics, University of Michigan, 1997-1999

National Activities

Study Sections

National Institutes of Health (NIH)

1995 NIH-NCI Ad-hoc reviewer, Program project study section, 10/95
 1996 NIH-NCI Ad-hoc reviewer, Program project study section, (site visit) 6/96
 1997 NIH-NCI Ad-hoc reviewer, Program project study section, 2/97
 2001 NIH Ad-hoc reviewer, Mammalian Genome Study Section, 2/01
 2003 NIH-NCI Special Emphasis Panel (Breast Cancer), Genetic Sciences Integrated Review Group, 3/03
 2005-2009 NIH-NCRR Clinical Research Review Committee - Standing member, Appointed for 3-year term in 5/05
 2009 NIH-NCRR Clinical Research Review Committee – Ad-hoc member 2/09
 2010 NIH-NCRR Clinical Research Review Committee – Ad-hoc member 2/10
 2011 NIH-NCRR Clinical Research Review Committee – Ad-hoc member 2/11
 2012 NIH-NCI Provocative Questions Review Committee – Ad-hoc member 3/12
 2013 NIH-NCI Small Grants Program for Cancer Research, Ad-hoc member 3/13
 2014 NIH-NCI Small Grants Program for Cancer Research, Ad-hoc member, 4/15

2015 NIH-NCATS CTSA Grant Review, Ad-hoc member, 4/15

Department of Defense (DOD)

1996-2005 DOD, Breast Cancer Research Program, Reviewer, Molecular Genetics - 2 Panel, 9/96; 9/97; 9/98, 8/99, 8/03, 7/04, 7/05
2000-2001 Study Section Chairperson, Molecular Genetics - 2 Panel, DOD Department of Defense Breast Cancer Research Program, 8/00, 8/01
2005-2006 DOD, Ovarian Cancer Research Program, Reviewer, 3/05, 4/06
2007-2011 DOD, Breast Cancer Research Program - Programmatic Integration Committee, 12/07, 12/08, 3/10, 7/10,
2011 DOD, Breast Cancer Research Program, Sixth Era of Hope conference abstract reviewer, 7/11
2012 DOD, Breast Cancer Research Program, Idea Award, Preliminary application reviewer, 6/12
2012 DOD, Breast Cancer Research Program - Programmatic Integration Committee, 12/13
2013 DOD, Breast Cancer Research Program, Idea Award, Preliminary application reviewer, 7/13
2014 DOD, Breast Cancer Research Program, Programmatic Review I Meeting, 9/14
2015 DOD, Breast Cancer Research Program, Programmatic Review I Meeting, 5/15
2016 DOD, Breast Cancer Research Program, Programmatic Review I Meeting, 5/16
2017 DOD, Breast Cancer Research Program, Programmatic Review I Meeting, 3/17

Other External United States Funding Agencies

2001 United States Civilian Research and Development Foundation for the Independent States of the Former Soviet Union, Ad-hoc reviewer, 7/01
2007 Susan G. Komen for the Cure, Cellular and Molecular Biology-2, Reviewer, 12/07

Committee Work

2001-2008 ASHG/NHGRI Mentor
2003-2004 American College of Medical Genetics, Recertification Examination Committee for Molecular Genetics
2006-2008 American Society of Human Genetics, reviewer DNA day essays
2008-2009 American Board of Medical Genetics, Question Item Winter
2009-2010 AAMC - Group on Student Affairs (GSA) Committee on Diversity Affairs (CODA)
2011-2012 National Board of Genetic Counselors, Competency Development and Review Committee
2015-present Hedwig van Ameringen Executive Leadership in Academic Medicine Program for Women, Applicant reviewer
2017-present American Association of Medical Colleges – peer reviewer for meeting presentations

2018	National Board of Genetic Counselors, Committee on competency guidelines for genomic/genetic testing
2020-2022	Kern National Network Executive Leadership Board
2020-present	Kern National Network, multiple subcommittees/workgroups, including: Dissemination Accelerator (ended in 2021), National Discussion Series, Clinical Learning Environment, Women in Leadership, Integrated Framework group, and 2022 National Conference Planning subcommittees/workgroups 2023 Co-chair, National Conference Planning Committee
2020-present	AAMC Medical Education School Leaders (MESL), school representative to national committee addressing issues impacting medical education
2021-present	AAMC Medical Education School Leaders (MESL), national survey subcommittee
2021-present	Hedwig van Ameringen Executive Leadership in Academic Medicine Program for Women (ELAM), LGBTQ+ work team, Diversity group
2022-present	AAMC Medical Education School Leaders (MESL) Reproductive Medicine Rapid Action Team
2022-2023	Hedwig van Ameringen Executive Leadership in Academic Medicine Program for Women affiliated EMPOWER program (NIH-funded national peer mentoring program developed at the University of Michigan to overcome obstacles for midcareer women clinician-scientists), selected faculty advisor for year-long cohort of women in academic medicine
2022-present	AMA Foundation – National LGBTQ Fellowship Leadership Team
2023	AMA Foundation – Host and planner for the first AMA Foundation, AMA Commission, and LGBTQ+ Fellowship Program national network meeting held at the University of Wisconsin School of Medicine and Public Health – held 3/2023, Madison, WI

International Agencies

2001	Royal College of Obstetricians and Gynecologists, UK Research Advisory Committee, Ad-hoc reviewer – 2/01
2001-2007	Human Frontier Science Program Organization, Ad-hoc reviewer, 1/01, 3/05, 3/07, 3/10
2006	Burroughs Wellcome Trust, Ad-hoc reviewer, 6/06
2002-2009	Cancer Research UK Grants Committee, Ad-hoc reviewer, 4/02, 3/03, 12/03, 3/04, 3/05, 3/06, 3/07, 3/08, 3/09
2008-2009	Israel Science Foundation, Individual Research Grants, Ad-hoc reviewer, 6/2008, 11/2009
2008	Canadian Research Foundation, Ad-Hoc reviewer, 9/08
2009	Wellbeing of Women's Research Advisory Committee, London, UK, 11/09

Community Volunteer Service

Activities

1994-1996	Baroque'N Strings Quintet (flute) – played at area nursing home, Ann Arbor, MI
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1996-2011	Speaker, Gay, Lesbian, and Bisexual Health Care Alliance, University of Michigan
2003-2004	Lunchroom supervisor, St. Thomas School, Ann Arbor, MI
2004-2011	Class helper, St Thomas School, Ann Arbor, MI
2004-2006	Secretary, Board of Directors for HATW, Inc., a non-profit domestic and international adoption agency
2006-2008	Medical Consultant/Advisor for HATW, Inc., a non-profit domestic and international adoption agency
2011-present	Organizer, annual clothing and food drives at the UW Health Sciences Learning Center to support organizations that give to families in need, Madison, WI
2014-2017	Volunteer Consultant, Student and Leaders Network, a statewide educational outreach program for high school students, Madison, WI
2015-2017	Board Member, Girls Rock Camp, Inc. Madison, WI
2017-2020	Second Wind New Horizon Band (flute), Madison, WI – play at area memory care centers
2018-present	President, Board of Directors and Medical Consultant, Girls Rock Camp, Inc. Madison, WI
2019-present	Madison Flute Choir – play at community events, memory care centers
2021-present	Board of Trustees member, Co-chair of Academic and Student Services Subcommittee, Board representative to university mission, vision, and values strategic planning committee, Clarke University, Dubuque, IA

Community Presentations

- “DNA identity testing: Sherlock Holmes meets genetics,” Health Night Out, University of Michigan, Ann Arbor, MI, 4/1995
- “DNA discoveries and dilemmas: Implications for social policy,” State of Michigan Legislature, State Capitol, Lansing, MI, 5/1996
- “Gay genes? Is there a genetic basis for homosexuality?” Northville Community Educational Program on Homosexuality, First United Methodist Church, Northville, MI, 1/1997
- “Discussion of issues in cloning: Why the hype?” Invited commentary, F. Y. I. Community Access TV Program, Ann Arbor, MI, 1/1998
- “Health care and medical technology: Can market place and ethical principles be reconciled?” Medical ethics panel discussion/seminar, chair: Edward Goldman, Temple Beth Emeth and St. Clare's Episcopal Church, Ann Arbor, MI, 3/1999
- “Discoveries and dilemmas in applied molecular genetics,” Keynote speaker, Michigan American Civil Liberties Union Annual Meeting, Unitarian Church, Ann Arbor, MI, 4/1999
- “Molecular medicine and genetics: Applications and implications,” First United Baptist Church, Ann Arbor, MI, 4/2000
- “Genes and cancer: Considerations for your health care,” UMMC Cancer Answer Night, Livonia MI, 10/2000
- “The ethics of genetic engineering,” Ethics and Your Genes Lecture Series, Adat Shalom Synagogue, Farmington Hills, MI, 11/2000
- “Genome ethics: Exploring the potential impact of the Human Genome Project on individuals and society,” Invited guest speaker, Livonia Rotary Club, Livonia, MI, 6/2001
- “The Human Genome Project: Sorting out the hype and the hope,” Invited guest speaker, Ann Arbor Economics Club, Ann Arbor, MI, 7/2001

- “Human cloning: The good, the bad, and the uncertainties,” University Civic Club, Ann Arbor, MI, 4/2003
- “Challenging issues in genetic testing,” Interfaith Roundtable Discussion Group, Ann Arbor, MI, 5/2003
- “Ehlers-Danlos syndromes: Perspectives for patients and primary care providers,” Great Lakes Ehlers-Danlos syndrome support group meeting, St. Joseph’s Mercy Medical Center, Ypsilanti, MI, 6/2006
- “Pathways to becoming a physician,” Students and Leaders Network Career Conversation, Waunakee, WI, 5/2013
- “Raising voices for change: Writing songs for peaceful protest marches and rallies,” Girls Rock Camp virtual workshop, Madison, WI, 7/2020

CONSULTING POSITIONS

Expert Witness - Forensic DNA Testing Cases

- State of Ohio, Lucas County Common Pleas Court,
Attorneys: Adrian P. Cimerman and Jeffrey J. Helmick. 1995
- State of Ohio, Lucas County Common Pleas Court,
Attorney: Spiros P. Cocoves. 1995
- State of Ohio, Bowling Green, Wood County Criminal Court,
Attorney: William Stephenson. 1996
- State of Michigan, Kent County Circuit Court,
Attorney: Lynn B. D’Orio 1998
- State of Ohio, State of Ohio, Lucas County Common Pleas Court,
Attorney: Spiros P. Cocoves, 1999
- State of Ohio, Wood County Public Defendant's Office,
Attorney: J. Scott Hicks, 1999
- State of Michigan, Kalamazoo
Attorney: W. J. Wilkinson, 1999

Forensic DNA Testing Consultations

- Civil Law Program, University of Michigan Law School
Attorney: Andrea D. Lyon, Assistant Clinical Professor of Law. 1997
- State of Michigan, Macomb County Office of Counsel
Attorney: Steven M. Cabadas 1997
- State of Michigan, Macomb County Public Defendant’s Office, 2001

Liaison Committee on Medical Education (LCME) – Accreditation review service

- LCME Survey Team Member, Site visit at medical school, Fall 2009
- LCME Survey Team Member, Site visit at medical school, Spring 2016
- LCME Survey Team Member, Site visit at medical school, Fall 2018

Medical School Medical Education and Accreditation Consultations

- Independent consultant, University of Kansas School of Medicine, Pre-LCME Curriculum Review, Kansas City, MO 7/2012

Independent consultant and mock LCME site visitor, Jacobs School of Medicine and Northeast medical school, 9/2018
Consultant hired by Medical School Advisory Group, LLC, for gap-analyses, document review, and pre-LCME mock site visits for 17 different medical schools, 4/2019 – present
Independent consultant and mock LCME site visitor, University of Michigan Medical School, Ann Arbor, MI, 10/2019
Independent consultant for pre-LCME gap analysis, Northwestern University Feinberg School of Medicine, IL, 9/2020
Consultant hired by Mahoney Education Consultants, LLC, for pre-LCME document review and mock site visit for 3 schools, 4/2021 – present
Consultant, Medical School Advisory Group, LLC, strategic planning retreat 4/2024

Other Consultations/Advisory Boards

Parke-Davis Ad-hoc IRB Advisor, Ann Arbor, MI, 1999
Standing IRB Member, Pfizer, Ann Arbor, MI, 9/2001-9/2005
University of Michigan Genetic Counseling Program Advisory Board, Ann Arbor, MI, 2012 – 2014

INVITED EXTRAMURAL PRESENTATIONS

International (*declined international speaking invitations after 2001 due to family obligations and institutional commitments*)

“Pulsed Field Gel Electrophoresis Mapping of Chromosome 11q13,” Fifth International Chromosome 11 meeting, Paris, France, 5/1995
“Genetic testing for human attributes and psychiatric conditions,” Genome Symposium, International Society for Study of Human Ideas on Ultimate Reality and Meaning, University of Toronto, 8/1997
“Ethical issues in presymptomatic diagnosis for Huntington disease,” Human Molecular Genetics: New Aspects in Molecular Medicine IV. Croatian Society of Human Genetics and Croatian Academy of Arts and Sciences. Zagreb, Croatia, 9/1997
“Breast cancer gene discoveries: Research and clinical implications,” Human Molecular Genetics: New Aspects in Molecular Medicine IV. Croatian Society of Human Genetics and Croatian Academy of Arts and Sciences. Zagreb, Croatia, 9/1997
“Predictive genetic testing: Perspectives on current practices and problems,” Department of Medical Genetics, Queens University, Belfast, Northern Ireland, 9/1998
“Breast cancer gene discovery: In pursuit of a novel 17q25 tumor suppressor,” Department of Oncology, Queens University, Belfast, Northern Ireland, 9/1998
“Reliable and cost-effective genetic diagnosis, prognosis, and therapeutics,” Advances in Optics for Biotechnology, Medicine and Surgery, Banff, Alberta, Canada, 7/2001

National

“Clinical cytogenetics for the pediatrician,” Norwalk Hospital Grand Rounds, Norwalk, CT. 7/1992
“Medical genetics for the primary care practitioner,” Danbury Hospital, Danbury, CT, 10/1992
“Clinical implications of genomic imprinting,” Genetics Clinical Conference, University of Missouri, Columbia, MO, 4/1993
“Molecular genetics of malignant melanoma: Clinical implications,” Pediatric Grand Rounds, University of Missouri, Columbia, MO, 4/1993

- “DNA diagnostic testing for cancer predisposition,” IVF Genetics Institute, Fairfax, VA, 12/1993
- “Medical genetics for the practicing internist,” State Medical Society of Michigan Annual Meeting, Traverse City, MI, 8/1994
- “Bioethical issues in molecular genetics,” Gazella Shepard Lecture Day, Case Western Reserve University, Cleveland, OH, 10/1994
- “When is genetic testing appropriate?” Flower Hospital Medical Multidisciplinary Conferences, Toledo, OH, 11/1994
- “Elucidation of molecular genetic mechanisms underlying solid tumor formation: Implications for clinical care,” Plenary Session speaker, Association of Molecular Pathology, 4th Annual National Meeting, Minneapolis, MN. 11/1995
- “Breast cancer genes: Discoveries, dilemmas, and future directions,” Research Institute Conference, Children’s Hospital of Cincinnati, Cincinnati, OH. 1/1998
- “The explosion of genetic knowledge: Implications for a healthier future,” Undergraduate Student Research Opportunity Program, 2/1998
- “Reproductive technologies,” Co-presenter and facilitator, Genome Horizons: Public Deliberations and Policy Pathways, National conference sponsored by The Greenwall Foundation and National Institutes of Health, Marriott Hotel, Washington DC, 5/1998
- “Are we really born that way? Reflections on and implications of genes and behavior,” National Society of Genetic Counselors Region IV meeting, Madison, WI, 5/1999
- “In pursuit of genes involved in mammary tumor progression,” Invited speaker, AXYS Pharmaceuticals, San Diego, CA, 6/1999
- “Expectations and ethics: Exploring society's hopes and fears related to gene therapy,” University of Michigan Biomedical Research Council and Warner Lambert/Parke-Davis Gene Therapy Symposium, 6/1999
- “A practical approach to evaluating and managing connective tissue disorders,” Department of Pediatrics, University of Vermont School of Medicine, Burlington, VT, 11/1999
- “Oversight of genetic testing,” Discussion session and focus group participant for The Secretary’s Advisory Committee on Genetic Testing (SACGT) of the U.S. Department of Health and Human Services, Baltimore, MD, 1/2000
- “To be or not to be out: The impact of ‘gayness’ on career opportunities in medicine and science,” Clarke College, Dubuque, IA, 3/2000
- “In pursuit of genes that promote malignant progression in breast and ovarian cells,” Science Research Seminar, Clarke College, Dubuque, IA, 3/2000
- “Testing the waters of our human gene pool: Past lessons and future Directions,” Clarke College Lecture Series, Dubuque, IA, 3/2000
- “The impact of cancer genetics,” Berlex Oncology Foundation Genetics Workshop, Houston, TX, 4/2000
- “Genetic regulation of cell cycle and apoptosis,” Berlex Oncology Foundation Genetic Workshop, Houston, TX, 4/2000
- “Breast cancer genetics: Beyond the bench,” Research Seminar, NIH funded Cancer Research Summer Fellowship Program for Biomedical Students, Ohio State University, Columbus, OH, 8/2000
- “Expectations for and anticipated implications of genetic applications for managing mental illness: Voices of patients and psychiatrists,” ‘A Decade of ELSI Research, a celebration of the first ten years of the ELSI Program,’ National Human Genome Research Institute, Bethesda, MD, 1/2001
- “When we discuss genetics, our words have different meanings: Examination of African American and Caucasian adults’ understanding of genetics and related implications,” ‘A Decade of ELSI

- Research, a celebration of the first ten years of the ELSI Program,' National Human Genome Research Institute, Bethesda, MD, 1/2001
- "Cell cycle regulation and apoptosis," Berlex Oncology Foundation Genetics Workshop, Houston, TX, 4/2001
- "Recognition of inherited cancer predisposition syndromes," Berlex Oncology Foundation Genetics Workshop, Houston, TX, 4/2001
- "Mishaps in mitosis: Contributions to cancer progression and implications for cancer therapy," Internal Medicine Grand Rounds, Vanderbilt University School of Medicine, Nashville, TN, 5/2001.
- "Human septins in cancer and cytokinesis," Genetics Seminar, University of Wisconsin, Madison, WI, 4/2002
- "Genetic testing in oncology: Laboratory methods," American Society of Clinical Oncology Comprehensive Review of Clinical Center Genetics – Annual ASCO Meeting, Orlando, FL, 5/2002
- "The role of cell cycle regulation and apoptosis in carcinogenesis," Berlex Oncology Foundation Genetics Workshop, Stevenson, WA, 6/2002
- "Evaluation of inherited cancer predisposition syndromes," Berlex Oncology Foundation Genetics Workshop, Stevenson, WA, 6/2002
- "MAD about mitosis: Analysis of mitotic spindle checkpoint defects in malignant progression," Cancer Center Grand Rounds, University of Wisconsin, Madison, WI, 8/2002
- "Medical genetics: The Ehlers-Danlos syndromes," American College of Rheumatology Summer Clinical Symposium, Santa Barbara, CA, 6/2003
- "Genetics in medicine: Legal implications," 2004 Sixth Circuit Judicial Conference, Louisville, KY, 5/2004
- "Life and death of cancer cells: A look at the cell cycle and apoptosis," Cancer Education Consortium/AstroZeneca Molecular and Translational Oncology Workshop, Virginia Beach, VA, 6/2004
- "TP53: Getting to know the guardian of the genome," Cancer Education Consortium/AstroZeneca Molecular and Translational Oncology Workshop, Virginia Beach, VA 6/2004
- "A glimpse into the complex evolving world of SEPT9: Implications for human health and disease," Department of Genetics, Indiana University School of Medicine, Indianapolis, IN 12/2005
- "No, they're not just big kids! Special issues impacting adults with genetic conditions," National Society of Genetic Counselors Region IV (representing 14 states) Annual Meeting, Ann Arbor, MI, 4/2006
- "Cancer genetics and kids: What health care providers need to know," Grand Rounds, Department of Pediatrics, University of Wisconsin School of Medicine and Public Health, Madison, WI, 4/2006
- "Personalized genomics: The hype and the hope", University of Michigan Alumni Event, Science Museum, Boston, MA, 5/2009
- "There's something about septins: Implications for cell cycle regulation, cytokinesis, and cancer," Department of Genetics Seminar, Albert Einstein School of Medicine, Bronx, NY, 11/2009
- "Student cheating: Best practices for deterrence, detection, and disposition," Roundtable discussion, American Educational Research Association; San Francisco, CA 5/2013
- "Mentoring: A critical relationship on the path to leadership," Learn, Serve, Lead: The AAMC 2013 Annual Meeting, Philadelphia, PA, 11/2013
- "The role of character in the clinical learning environment," Learn, Serve, Lead: The AAMC 2017 Annual Meeting – Lunch and Learn Table Discussion, Boston, MA, 11/2017
- "Rocking regional campus health system relationships: From affiliation agreements to zero tolerance policies for mistreatment," Learn, Serve, Lead: The AAMC 2018 Annual Meeting – Lunch and Learn Table Discussion, Austin, TX, 11/2018

- “Promoting health equity and optimizing health outcomes through enhanced interprofessional and community partnerships,” Interprofessional Conference, Clarke University, Dubuque, IA, virtual presentation, 3/2021
- “Making equity in LGBTQ+ health a reality,” NLGJA: The Association of LGBTQ Journalists, 2021 National Convention, virtual presentation, 9/2021
- “The ABCs of LGBTQ+ and gender inclusive leadership: Addressing the need, building the skills, championing the importance,” Executive Leadership in Academic Medicine, faculty presenter/workshop leader, virtual presentation/workshop, 9/2021
- “Addressing health disparities in the LGBTQ+ community,” WEDI National Conference, virtual presentation, 10/2021
- “Challenges, opportunities, and trends in education and academic affairs within comprehensive academic medical centers,” Oregon Health Sciences University, invited speaker, virtual, 11/2021
- “Top ten list for developing perseverance in academic medicine”, Kern National Network for professional development of learners, national virtual workshop, 1/2022
- “Building character to promote human flourishing,” Kern institute Professional Identity and Character Development symposium, co-organizer and presenter, international virtual workshop, 4/2022
- “Promoting character and human flourishing in medical education to advance health equity,” AAMC-NEGEA SIG meeting on “Engaging the health humanities to further health equity and justice: Innovations in Education and Research,” co-organizer and presenter, virtual workshop, 7/2022
- “Navigating generational differences with curiosity, compassion, and humility to optimize teaching and learning,” National Society of Genetic Counselors, Program Directors and Assistant Program Directors, annual national meeting, virtual workshop, 7/2022
- “The ABCs of LGBTQ+ and gender inclusive leadership: Addressing the need, Building the skills, Championing the importance,” Executive Leadership in Academic Medicine, faculty presenter/workshop leader, presentation/workshop, Philadelphia, PA, 9/2022
- “Advancing LGBTQ+ health to optimize outcomes and promote equity.” Kern National Network: Connect, Convene, Catalyze Toward Flourishing, inaugural national meeting, Milwaukee, WI, 9/2022
- “Flourishing in women leaders,” with E. Ellinas, Kern National Network: Connect, Convene, Catalyze Toward Flourishing, inaugural national meeting, Milwaukee, WI, 9/2022
- “Changing the climate and culture in academic medicine to promote human flourishing through an expansive building community initiative,” with S. Pertzborn, Kern National Network: Connect, Convene, Catalyze Toward Flourishing, inaugural national meeting, Milwaukee, WI, 9/2022
- “Building Equitable Access to Mentorship (BEAM): A mentoring program that promotes success and sense of belonging for students and faculty,” with J. Stephenson, Kern National Network: Connect, Convene, Catalyze Toward Flourishing, inaugural national meeting, Milwaukee, WI, 9/2022
- “Navigating generational gaps in graduate education and fieldwork,” Indiana University Genetic Counseling Graduate Program: Genetic Counseling Clinical Symposium, Virtual, 10/2022
- “Beyond literature searches and study spaces: The academic health sciences library as a vital community hub to build community and improve climate,” IGNITE presentation, AAMC Medical Education Senior Leaders (MESL) national meeting, Atlanta, GA, 1/2023
- “Listening with compassion, curiosity, humility, and empathy to honor and health others and ourselves: Reflections as a physician, teacher, mother, and musician,” Kern National Network Becoming Series, invited speaker, virtual presentation, 3/2023
- “Integrative and innovative ideas to cultivate connections, champion creativity, and create LGBTQ+ fellowships that optimize health for individuals and communities,” AMA Foundation/AMA Commission/LBGTQ+ fellowship first national meeting, invited workshop organizer and presenter, University of Wisconsin, Madison, WI, 3/2023

- “Promoting academic excellence to optimize health and advance health equity across diverse landscapes,” Oakland University William Beaumont School of Medicine, invited speaker, 3/2023
- “Promoting inclusion and respect amid changing norms,” Medical School Advisory Group, professional development workshop, invited speaker, Virtual, 7/2023
- “Navigating generational differences with curiosity, empathy, and humility in the learning environment,” Kern National Network: Connect, Convene, Catalyze Toward Flourishing, second national meeting, Milwaukee, WI, 9/2023
- “Sharing words for well-being through poetry, a.k.a. haiku for healing,” Kern National Network: Connect, Convene, Catalyze Toward Flourishing, second national meeting, Milwaukee, WI, 9/2023
- “Badges, PoDs, Modules, Scholarships, and Partnerships: Ingredients of and Innovations for Success at the UW Center for Interprofessional Practice and Education (CIPE),” IGNITE presentation, AAMC Medical Education Senior Leaders (MESL) national meeting, Washington DC, 1/2024
- “The ABCs of LGBTQIA+ and gender inclusive leadership: Addressing the need, Building the skills, Championing the importance,” Executive Leadership in Academic Medicine, faculty presenter/workshop leader, presentation/workshop, Philadelphia, PA, 1/2024
- “Promoting wellbeing through poetry and photography, a.k.a. haiku for healing and fotos for flourishing,” Kern National Network Becoming Series, invited speaker, virtual presentation, 3/2024
- “Navigating teaching and learning across generations with curiosity, compassion, and humility to optimize learner outcomes and promote flourishing,” Kean University, Genetic Counseling Graduate Program, Supervisor Workshop, Virtual, 6/2024

Local and Regional

- “DNA diagnostics: discoveries and dilemmas,” Michigan Society of Pathologists Annual Meeting, Ann Arbor, MI, 12/1994
- “Implications of the human genome project for primary care physicians,” Genesee County Medical Society, Flint, MI, 10/1995
- “The nuts and bolts of DNA identity testing in forensics,” Speaker and panel member, Investigation and Prosecution of Murder Cases Seminar, State of Michigan Prosecuting Attorney’s Council. Lansing, MI, 3/1997
- “Advances in DNA technology: Implications for public policy,” Speaker and small group facilitator, Policy Conference for Genome Technology and Reproductive Decision Making Project, Council on Genetics and Society, Ann Arbor, MI, 3/1997
- “DNA diagnostics and family cancer syndromes: Discoveries, dilemmas, and future directions,” Oncology Nursing Society, Ann Arbor Chapter, St. Joseph Mercy Hospital Education Center, Ann Arbor, MI, 4/1997
- “Genetic testing for cancer predisposition syndromes: Discoveries, dilemmas, and future directions,” New Horizons in Genetics: A Statewide Symposium for Michigan Genetics Professionals, Farmington Hills, MI, 5/1997
- “Unresolved issues in diagnosis and management of connective tissue disorders: Case presentations and discussion,” New Horizons in Genetics: A Statewide Symposium for Michigan Genetics Professionals, Farmington Hills, MI, 5/1997
- “Ethical dilemmas encountered in presymptomatic Huntington disease testing: Experiences of the University of Michigan Adult Genetics Clinic,” Association of Molecular Pathology sponsored State of Michigan Molecular Diagnostics Conference, University of Michigan, Ann Arbor, MI, 6/1997

- “Tumor suppressor genes and oncogenes in dysregulated growth,” Breast Cancer: Genetics and Risk Evaluation Workshop for Health Care Professionals, Ann Arbor, MI, 7/1997
- “Cancer syndromes associated with an increased risk of breast cancer,” Breast Cancer: Genetics and Risk Evaluation Workshop for Health Care Professionals, Ann Arbor, MI, 7/1997
- “The doctor/patient relationship and sexual orientation: Perspectives of health care providers and patients,” American Medical Student Association Regional Conference, Ann Arbor, MI, 11/1997
- “Careers in genetics: Finding your niche,” Macy Minorities in Medicine Program sponsored by the Dean’s Office, University of Michigan, 6/19/1998
- “Potential implications of and ethical issues related to the Human Genome Project: What its discoveries may mean for you,” Biology Department Seminar, Oakland University, Rochester, MI, 3/1999
- “Charges, challenges, consequences of the Michigan Commission of Genetic Privacy and Progress,” Michigan Statewide Symposium of Genetic Professionals and Students, Ann Arbor, MI, 5/1999
- “Impact of the Human Genome Project on health care practice,” March of Dimes Conference, Genetics and Your Practice, Novi, MI, 11/1999
- “Exploring the complex etiology of human malignancy,” Invited speaker and panel discussant for the session: ‘Genetics in Cancer Control Programs’ National Symposium on Genetics in Public Health: Connecting Research, Education, Practice and Community, Hosted by the School of Public Health, University of Michigan, 9/2000
- “What every doctor should know about DNA: The applications and implications of genetics on your medical practice,” March of Dimes statewide ‘Genetics in Your Practice’ conference, 10/2000
- “A double blow-out case,” 33rd Annual Frank B. Walsh Meeting, Hosted by Kellogg Ophthalmology Center, Ann Arbor, MI, 4/2001
- “Genetic applications for managing mental illness: Voices of patients and psychiatrists,” Genetic Impact on Chronic Disease and Public Health, Michigan Statewide Genetics Symposium, Wayne State University School of Medicine, MI, 5/2001
- “Ethical issues in phase I clinical studies,” 13th Annual Meeting of the International Association of Clinical Pharmacology Units, Ann Arbor, MI, 10/2002
- “Impact of the human genome project on health care practice,” Annual Cancer Symposium and Oncology Expo, Lakeland Regional Health System, St. Joseph, MI, 10/2002
- “The Human Genome Project: What have we learned?” Bon Secours Cottage Health System, Grosse Point Park, MI, 4/2003
- “Genetics in Medicine: State of the art practice and future directions,” Bon Secours Cottage Health System, Grosse Point Park, MI, 4/2003
- “Connective tissue disorders and skeletal dysplasias, Wayne State University School of Medicine, Graduate Program in Molecular Medicine and Medical Genetics, Detroit, MI, 10/2003
- “Ethics of gene therapy,” and “Ethics of stem cell research,” Guest Lecturer Eastern Michigan University, 2 2-hour lectures, Ypsilanti, MI, 3/11/2004, and 3/18/2004
- “Ethical challenges in genomic medicine,” Adult Learning Institute, Oakwood University, Orchard Ridge, MI, 9/2004
- “A comprehensive review of connective tissue disorders,” Wayne State University School of Medicine, Graduate Program in Molecular Medicine and Medical Genetics, Detroit, MI, 12/2004
- “Cancer genetics, molecular principles, and clinical paradigms,” Keynote Speaker, State of Michigan Department of Community Health Cancer Genomics Education Project, Michigan Public Health Institute, Okemos, MI, 4/2005
- “Why are you like that? Exploring genetic contributions to human behavior and related sociopolitical implications,” Adult Learning Institute, Oakland Community College, Orchard Ridge, MI, 4/2005

- “Connective tissue disorders: Clinical and molecular caveats,” Wayne State University School of Medicine, Graduate Program in Molecular Medicine and Medical Genetics, Detroit, MI, 11/2005
- “Ehlers-Danlos syndromes: What your primary care physician needs to know about you,” Michigan Ehlers-Danlos Syndrome Support Group, Ann Arbor, MI, 4/2006
- “Applications and implications of DNA based discoveries on human health and behavior: Discoveries, dilemmas and the decade ahead,” Osher Lifelong Learning Institute, University of Michigan, Ann Arbor, MI, 1/2008
- “Genomic medicine and you: Choices and challenges,” Department of Biology Seminar, Eastern Michigan School of Medicine, Ypsilanti, MI, 10/2009
- “The skin as a window to genetic disease,” Michigan State Medical Society Meeting, Troy, MI, 10/2010
- “The future of genetics in medicine,” Innovations in Women’s Health, Madison, WI, 11/2013
- “Inspiring curiosity and impacting competency in human genetics and genomics through innovative educational approaches,” State of Wisconsin Clinical Genetics Exchange Conference, Waisman Center, Madison, WI, 6/2014
- “How proposed policy changes impact genetics/genomic practice: A primer and panel discussion,” State of Wisconsin Clinical Genetics Exchange Conference, Waisman Center, Madison, WI, 9/2017
- “The impact of COVID-19 on medical student education,” Wisconsin Council on Medical Education and Workforce, virtual meeting, 10/2020
- “Connective tissue considerations in spontaneous bowel rupture,” Wisconsin Medical Society’s Medical Mystery Tour Webinar Series, virtual presentation, 6/2021
- “LGBTQ+ and Gender Expansive Health System Leadership.” Wisconsin Medical Society’s CMO Summit, Woodruff, WI, 9/2022

INVITED INTRAMURAL PRESENTATIONS (*excluding multiple routine/role-related school, department, unit, and program meeting presentations, e.g. new chair orientations, academic planning council meetings, GMEC meetings, etc.*)

University of Michigan – Non-Medical School

- “What does a geneticist do? Career options in medical genetics,” Pre-Medical Students’ Symposium, Michigan Union, 3/1995
- “Testing the waters of our human gene pool: Will we sink or swim?” Keynote speaker, Alumni Day, School of Public Health, 10/1997
- “DNA diagnosis: Discoveries and dilemmas,” Alumni Association ‘Coffee with Faculty Series’, 4/1998
- “The Human Genome: Perspectives for biomedical illustrators,” Biomedical Visualization Program, School of Art and Design, 2/2000 “Exploring the aesthetic dimensions of science and the social implications of scientific art,” Invited commentary following public lecture by the artist of the green fluorescence transgenic rabbit, Eduardo Kac, 2/2001
- “Paradise now?” Speaker and panel discussion member for Paradise Now Art Exhibition (exhibition on genetics), University of Michigan Art Museum, 4/2001
- “A history of the American eugenics movement: What your history books failed to mention,” Summer Science Program for Michigan High School Students, 6/2001
- “An introduction to human genetics,” King/Chavez/Parks College Day lecture to junior high school students sponsored by the Office of Academic Multicultural Initiatives, 10/2003

- “Comments on science, society, and stem cells,” Second Annual Platsis symposium – Bioethics, Ancient and Modern, 10/2003
- “Interactive multimedia approaches to genetic education,” The Challenge Ahead: Implications of Genomics for Health Behavior and Health Education, School of Public Health Symposium, 10/2004
- “Gay genes? Facts, fiction, and future implications,” Women in Science and Engineering Residence Program, invited speaker, 11/2006
- “Clinical Genetics 101: A primer for allied health professionals,” Medical Transcriptionists’ Week, University of Michigan Health System, 5/2008
- “Personalized genomics: Perspectives and precautions,” in the “Promise of Peril of Direct to Consumer Genetic Testing: Point-Counterpoint,” part of the Ethical, Legal and Social Implications of Genetic Testing 2009-2010 Seminar Series, sponsored by the Office of the Vice President of Research, 3/2010

University of Michigan Medical School

- “Genetics of melanoma: Mapping of a putative 9p21 tumor suppressor gene,” Molecular Medicine and Genetics Conference, 7/1993
- “DNA diagnosis of inherited disease,” Advances in Internal Medicine CME Course, 4/1995
- “Evidence for a novel tumor suppressor gene on distal 17q,” Cancer Biology Research Seminar, 10/1995
- “Overview of ongoing breast cancer research,” Informal presentation to Congresswoman Lynn Rivers and to Secretary of Health and Human Services Donna Shalala, invited by Dr. Max Wicha, Director of the Cancer Center, 7/1996
- “Mitochondrial diseases,” Neurology Grand Rounds, Co-presenter with Dr. Roger Albin, 12/1996
- “DNA diagnosis of inherited cancer predisposition syndromes: Discoveries, dilemmas, and future directions,” Cancer Center Grand Rounds, 1/1997
- “Positional-candidate cloning in pursuit of a novel breast/ovarian cancer gene,” Breast Oncology Program, Breast Cancer Gene Discovery Group, 6/1997
- “New cancer gene discoveries: Implications for DNA diagnosis,” Hematology/Oncology Research Conference, 11/1997
- “Molecular medicine: Discoveries and dilemmas as we approach the new millennium’, Summer Biomedical Research Program Lecture Series, 7/1998
- “When more is less: An examination of trinucleotide repeat disorders,” Internal Medicine Grand Rounds, 3/5/1999
- “Mishaps of mitosis: Analysis of mitotic arrest gene alterations in breast cancer,” Noon Conference, Epidemiology Program, Comprehensive Cancer Center, 4/1999
- “Molecular medicine approaching the next millennium: predictions and possibilities,” Student Biomedical Research Program, 6/1999
- “Pseudoxanthoma elasticum: Clinical pearls and medical genetics,” Invited speaker, Ophthalmology Grand Rounds, Kellogg Eye Center, 6/1999
- “The challenge of preparing physicians for the practice of molecular medicine in the new millennium: What are appropriate educational strategies and how should they be implemented?” Medical Education Day, “Innovations in Medical Education,” 11/1999
- “Dermatosparaxis: The newly characterized phenotype and genotype,” Clinical Genetics Grand Rounds, 4/2000
- “Molecular medicine in the dawn of the new millennium: Past perspectives and future possibilities,” Student Biomedical Research Program, 7/2000

- “Medical genetics: Past lessons, present practices, and future directions,” Orientation lecture, Graduate Program in Genetic Counseling, 9/2000
- “Genetics in medicine: Past, present, and future,” Student Biomedical Research Program, 7/2001
- “Vascular Ehlers-Danlos Syndrome: Molecular pathogenesis and clinical management,” Clinical Genetics Grand Rounds, 7/2001
- “An update on the Ehlers-Danlos Syndromes: Clinical and molecular perspectives,” Rheumatology Clinical Rounds, 10/2001
- “Septins: Their roles in cytokinesis and carcinogenesis,” Pediatric Hematology and Oncology Research Conference, Department of Pediatrics, 1/2002
- “Cloning and characterization of MSF: Elucidating its role in cell division and cancer progression,” Cancer Genetics Program, Comprehensive Cancer Center, 1/2002
- “Molecular medicine: Past lessons and future directions,” Student Biomedical Research Program, 7/2002
- “Heartbreaking loose liaisons: Medical and molecular perspectives of connective tissue disorders,” Internal Medicine Grand Rounds, 8/2002
- “Cell cycle progression through G2/M and cytokinesis in cancer cells,” Gynecologic Oncology Division Research Seminar, 4/2003
- “Genetics in medicine: Advances and implications,” Student Biomedical Research Program, 7/2003.
- “Genomic medicine: Implications for genetic counseling,” Orientation lecture, Graduate Program in Genetic Counseling, 8/2003
- “Genetic testing and counseling: Psychosocial needs of patients and families,” Department of Social Work Grand Rounds, 10/2003
- “Connective tissue disorders in children: Clinical and molecular perspectives,” Department of Pediatrics Grand Rounds, 12/2003
- “Genetic beliefs for individual and group differences: Voices of Americans,” Program in Bioethics Seminar, 12/2003
- “Advances in genetic and reproductive technology,” Department of Social Work Grand Rounds, 3/2004
- ”Cutaneous considerations in Ehlers-Danlos Syndrome(s),” Department of Dermatology, 5/2004
- “Genomic Medicine: Where have we been and where are we going?” Student Biomedical Research Program, 7/2004
- “EDS: Issues in pregnancy management and postpartum care,” Obstetrics and Gynecology Case Conference, 7/2004
- “Cutaneous clues to life threatening inherited conditions,” Department of Dermatology, 11/2004
- “Morbidity and mortality in the medical genetics clinic,” Interdepartmental Clinical Genetics Conference, Department of Human Genetics, 12/2004
- “Americans’ perspectives on genetic contributions to homosexuality: Sociopolitical Implications,” Program in Bioethics Seminar Series, 1/2005
- “Pain, disability, and death,” Division of Rheumatology Seminar, 1/2005
- “Are there Gay Genes? Implications of discovering genetic contributions to homosexuality,” LGBT Health Awareness Seminar Series, Medical School, 3/2005
- “Morbidity and mortality conference,” Discussant, Internal Medicine Grand Rounds, 4/2005
- “Human genetics and genomic medicine: Ethical, legal, and social issues,” Mini-Med School, 2 hour final lecture of series, 5/2006
- “The Public’s Perspectives on the origins of homosexuality: Sociopolitical implications,” Medical School Noon Seminar, Invited by Medical Students, 5/2007
- “Research ethics,” Student Biomedical Research Seminar, 6/2007
- “Cutaneous manifestations of connective tissue disorders,” Department of Dermatology, 4/2008

- “Cell cycle checkpoints, cytokinesis, and cancer: Implications for breast tumorigenesis, Breast Cancer Program, Comprehensive Cancer Center, 6/2008
- “Mental and emotional wellness in graduate school,” Genetic Counseling Program Workshop for Clinical Supervisors in the State of Michigan, Department of Human Genetics, 5/2009
- “Academic success in medical school: Making your learning style work for you,” Summer Academy for Pre-Dental and Pre-Medical Students, Diversity Office, 7/2009
- “SEPT9: Emerging roles in cell cycle progression, cytokinesis, and cancer,” Division of Molecular Medicine and Genetics Faculty Seminar, 2/2010
- “Coming-out and challenging paradigms,” BGLAM panel presentation to medical students, 10/2009
- “Personalized genomics: Implications for your well-being and your wallet,” University of Michigan Medical Center Alumni Society Meeting, Ypsilanti, MI, 10/2010
- “Same-sex parenting: What every health care provider should know,” BGLAM presentation for medical students, 3/2011

University of Wisconsin – Non Medical School

- “Integrating public health and medical education to improve the health of individuals, families, and communities,” Ye Olde Warre Clubbe, Wisconsin Institute for Medical Research, 7/2012
- “The ABC’s of LGBTQ+ and gender minority inclusive education: Addressing the need, building the skills, and championing the importance,” Workshop session presenter, Wisconsin LGBTQ+ Health Summit, School of Nursing (virtual), 4/2021

University of Wisconsin School of Medicine and Public Health and Statewide Campus Health Systems

- “Navigating the changing landscape of medical education: A cause for creative cartography,” Keynote speaker, Medical Education Day, Health Sciences Learning Center, 3/2012
- “One geneticist’s perspectives on genomic medicine and primary care,” Primary Care Faculty Development Program, St. Mary’s Hospital, Madison, 5/2012
- “Making an ordinary white coat extraordinary,” Keynote speaker, White Coat Ceremony for Medical Students, Union South, 9/2012
- “Personalized genomics: Pearls for pediatricians,” Invited Speaker, Seminars in Pediatrics – CME regional conference hosted by Department of Pediatrics, Marriot Madison West, Madison, 9/2012
- “Personalized genomics: Applications and implications for primary care providers and patients.” Primary Care Faculty Development Program, St. Mary’s Hospital, Madison, 10/2012
- “Innovation, inspiration, and impact,” Keynote speaker, Health Science Learning Center Education Day, 1/2013
- “Promises and perils of personalized genomic medicine,” Invited lecturer, LEND Program, Waisman Center, 3/2013
- “Curricular transformation – process, plans, and priorities,” Graduate Medical Education Program Steering Committee, University Hospital, 3/2013
- “What makes a great physician,” Second Look Recruitment Weekend, Admissions Office, 4/2013
- “Will physicians be ready for practice in 2020?” Invited speaker, Medical Education Day, Health Sciences Learning Center, 5/2013
- “Big changes in medical student education are coming: Hear all about it,” Medical Education Day, Health Sciences Learning Center, 5/2013
- “The need for curricular transformation to educate tomorrow’s physicians,” Rikker’s Conference - Education Retreat, Department of Surgery, InnTowner Hotel, Madison, WI, 6/2013
- “Genetic perspectives on kidney development and disease,” Journal Club presentation, Division of Genetics and Metabolism, Department of Pediatrics, Waisman Center, 6/2013

- “Cognitive impairment, cerebral palsy, congenital heart disease – Mom does know best,” Clinic Conference, Division of Genetics and Metabolism, Department of Pediatrics, Waisman Center, 12/2013
- “LCME – Lessons learned from institutional self-studies and site visits,” Graduate Medical Education Program Directors Retreat, Health Sciences Learning Center, 1/2014
- “Personalized medicine: Consideration for practitioners and the public,” Invited lecturer, LEND Program, Waisman Center, 3/2014
- “Integrating basic Sciences, clinical sciences, and public health to optimize the interdisciplinary and interprofessional education of health care professionals: Cultivating Connections to Champion Creativity,” Session Developer and Leader, Medical Education Day, Health Sciences Learning Center, 5/2014
- “The curriculum in context,” Keynote Speaker, Medical Education Day, Health Sciences Learning Center, 5/2015
- “Transforming education to improve the health of communities,” Oversight and Advisory Council, Wisconsin Partnership Program, 6/2015
- “The bench, the bedside, and the broader community,” RUSCH research presentation, Health Sciences Learning Center, 7/2015
- “LCME: Implications for UME, GME, and CME,” Keynote Speaker, Medical Education Day, Health Sciences Learning Center, 5/2016
- “LCME: What you need to know,” Multiple presentations tailored to specific student, faculty, and staff groups at meetings and town halls including SMPH faculty and staff, department chairs, statewide campus faculty and staff, and student town halls, 1/2016-6/2016
- “Curiosity, collaboration, commitment, and courage: Four clues to successful research,” RUSCH research presentation, Health Sciences Learning Center, 6/2016
- “Optimizing the learning environment: Strategies for student success,” Statewide campus presentations at Marshfield Clinic, Gundersen Health System, and Aurora Health System, 5/2017
- “Clinical learning climate: SMPH snapshots and strategies to optimize the clinical learning environment,” Multiple presentations tailored to specific student, faculty, and staff groups at meetings and town halls including campus leaders, SMPH faculty and staff, department chairs, statewide campus faculty and staff, and student town halls, 7/2017-12/2017
- “Vascular Ehlers-Danlos syndrome: Updates and uncertainties,” Journal Club presentation, Division of Genetics and Metabolism, Department of Pediatrics, Waisman Center, 2/2018
- “Focus on faculty development: Fostering professional enrichment and personal satisfaction,” Faculty development seminar, Marshfield Clinic Health System, 5/2018
- “Inclusive teaching,” Faculty Development Workshop Session Co-leader, Medical Education Day, Health Sciences Learning Center, 5/2018
- “Cultivating character in the clinical learning environment,” Faculty development workshop session Developer and Leader, Medical Education Day, Health Sciences Learning Center, 5/2018
- “Optimizing the institutional climate for learning and working,” Diversity and Inclusion Advocates, 5/2018
- “Gaining insights into generations to guide teaching and optimize learning,” Faculty development seminar, Gundersen Health System, 6/2018
- “Ethics, medicine, and science,” Rural and Urban Scholars in Community Health, 6/2018
- “Strategizing for success,” Rural and Urban Scholars in Community Health, 6/2018
- “The importance of embracing LGBTQ+ and gender minority inclusive education,” Faculty development workshop, Advocate Aurora Health/Eastern Academic Campus, 5/2019

- “Baby boomers, Gen X, and Millennials: Gen Z is here! Teachers are you ready?” Faculty development workshop session Developer and Leader, Medical Education Day, Health Sciences Learning Center, 5/2019
- “The ABC’s of LGBTQ+ and gender minority inclusive education: Addressing the need, building the skills, and championing the importance,” Faculty development workshop session Developer and Leader, Medical Education Day, Health Sciences Learning Center, 5/2019
- “Addressing research ethics and promoting scientific integrity,” Rural and Urban Scholars in Community Health, 6/2021
- “Cavernous malformations: Clinical and socioeconomic perspectives,” Journal Club presentation, Division of Genetics and Metabolism, Department of Pediatrics, virtual presentation, 2/2021
- “Gender inclusive practices,” co-presenter/workshop organizer and presenter, Department of Pediatrics faculty meeting, virtual workshop, 6/2021
- “Embracing ethics in research to ensure excellence and promote equity,” Rural and Urban Scholars in Community Health, 6/2022; 6/2023, 6/2024
- “Integrating Basic Sciences, Clinical Sciences, and Public Health to Optimize the Interdisciplinary and Interprofessional Education of Health Care Professionals: Cultivating Connections to Champion Creativity,” Workshop co-planner and presenter, Medical Education Day, Health Sciences Learning Center, 5/2023
- “Perspective, plans, and potpourri: An update on medical education goals and quality improvement,” modified for and delivered to statewide academic campus partners: Advocate Aurora Health System/Eastern Academic Campus 11/2023; Marshfield Health System/Northern Academic Campus 12/2023; Gundersen Health System/Western Academic Campus 12/2023
- “CLIMATE change: Focus on inclusive learning environments,” Workshop co-planner and presenter, Medical Education Day, Health Sciences Learning Center, 6/2024

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Peer Reviewed Publications

1. **Petty EM**, Laxova R, Wiedemann H-R. Previously unrecognized progeroid disorder. *Am J Med Genet.* 35:383-387. 1990
2. **Petty EM**, Carstens R, Bale AE. Ornithine transcarbamylase polymorphism detected by PCR introduction of Dral site. *Nucleic Acids Res.* 19:690. 1991
3. Rosenberg CL, Wong E, **Petty E**, Bale AE, Tsujimoto Y, Harris NL, Arnold A. PRAD 1, a candidate Bcl I oncogene: Mapping and expression in centrocytic lymphoma. *Proc Natl Acad Sci.* 88:9638-9642. 1991
4. Smith LT, Wertelecki W, Milstone LM, **Petty EM**, Seashore MR, Braverman IM, Jenkins TG, Byers PH. Human Dermatosparaxis: A form of Ehlers-Danlos Syndrome that results from failure to remove the amino-terminal propeptide of type I procollagen. *Am J Hum Genet.* 51:235-244. 1992
5. **Petty EM**, Gold E, Bale AE. DNA diagnosis by PCR introduction of artificial methylation sites: Application to rapid screening of delta F508. *Clin Chem.* 38:2422-2425. 1992.
6. Lin S-P, **Petty EM**, Gibson L, Seashore MR, Inserra JA, Yang-Feng TL. Terminal 2q deletion identified in one mildly affected male twin. *Am J Med Genet.* 44:500-502. 1992
7. Cannon-Albright LA, Lewis CM, Goldgar DE, Meyer LJ, Anderson DE, Fountain JW, Hegi ME, Wiseman RW, **Petty EM**, Bale AE, Olopade FI, Diaz MO, Kwiatkowski DJ, Piepkorn MW, Zone JJ, Skolnick MH. Assignment of a locus for familial melanoma, MLM, to chromosome 9p13-p22. *Science.* 258:1148-1152. 1992

8. **Petty EM**, Bologna JL, Bale AE, Yang-Feng TL. Cutaneous malignant melanoma and atypical moles associated with a constitutional rearrangement of chromosomes 5 and 9. *Am J Med Genet.* 45:77-80. 1993
9. Rosen CL, Novotony EJ, D'Andrea LA, **Petty EM**. Klippel-Feil sequence and sleep apnea in children. *Am Rev Respir Dis.* 147:202-204. 1993
10. **Petty EM**, Gibson LH, Breg WR, Burns JP, Yang-Feng TL. Mosaic 9p duplication diagnosed by fluorescence in-situ hybridization (FISH). *Am J Med Genet.* 45:770-773. 1993
11. **Petty EM**, Arnold A, Marx SJ, Bale AE. A pulsed field gel electrophoresis (PFGE) map of proximal chromosomes 11q. *Genomics.* 15:423-425. 1993
12. **Petty EM**, Seashore MR, Braverman IM, Spiesel SZ, Smith LT, Milstone LM. Dermatosparaxis in children: A case report and review of the newly recognized phenotype. *Arch Derm.* 129:1310-1315. 1993
13. **Petty EM**, Gibson LH, Fountain JW, Bologna JL, Yang-Feng TL, Housman DE, Bale AE. Molecular definition of a chromosome 9p21 germline deletion in a woman with multiple melanomas and a plexiform neurofibroma: Implications for 9p tumor suppressor gene(s). *Am J Hum Genet.* 53:96-104. 1993
14. **Petty EM**, Green J, Marx SJ, Taggart RT, Farid N, Bale AE. Mapping the gene for Hereditary Hyperparathyroidism and Prolactinoma (MEN1 Burin) to chromosome 11q: Evidence for a founder effect in patients from Newfoundland. *Am J Hum Genet.* 54:1060-1066. 1994
15. **Petty EM**. Genetic risk factors for melanoma in children. Reviewed editorial correspondence. *J. Ped.* 125:1015. 1994
16. Law DJ, Prasad MA, King SE, Spranger KD, Lee YH, Fox RE, Collins EE, Miller DE, Gebuhr TW, **Petty EM**. Localization of the estrogen-responsive finger protein (EFP) gene (ZNF147) within a YAC contig containing the myeloperoxidase (MPO) gene. *Genomics.* 28:361-363. 1995
17. **Petty EM**, Miller DE, Grant AL, Collins EE, Glover TW, Law DJ. FISH localization of the soluble thymidine kinase gene (TK1) to human 17q25, a region of chromosomal loss in sporadic breast tumors. *Cytogenetics and Cell Genetics.* 72:319-321. 1996
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23. Milewicz DM, Chen H, Park ES, **Petty EM**, Zaghi H, Pai GS, Willing M, Patel V. Reduced penetrance and variable expressivity of familial thoracic aortic aneurysms/dissections. *Amer J Cardiol.* 82:474-479. 1998

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9. Robinson MH, Seibert CS, McSweeney M, **Petty, EM**. *Innovative Partnerships to Increase Diversity in Pre-Health Pathway Programs and MD Programs*. Connecting Pipelines to Pathways for Health Equity, Academic Health Center Best Practices: Case Studies. Association

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3. Inati MN, Nores JA, Breg WR, **Petty EM**. Femoral hypoplasia-unusual facies syndrome (FH UFS): The first report in a sibling pair. 8th International Congress of Human Genetics, Washington DC Am J Hum Genet (Suppl). 49:142. 11/1991
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14. Kalikin LM, Qu X, Frank TS, Caduff RF, Svoboda SM, Miller DE, Wetzel JC, Cooney KA, Law DJ, **Petty EM**. Microsatellite analysis of sporadic breast tumors provides evidence for at least one tumor suppressor gene at 17q25. Proc Am Assoc Cancer Res (87th Annual Meeting). 37:552. 4/1996
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16. Uhlmann WR, Markel DM, Ginsburg D, **Petty EM**. Ethical dilemmas associated with presymptomatic testing for adult-onset conditions. National Society of Genetic Counselor's 1996 Meeting, San Francisco, 10/1996
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