

**Faculty of Medicine of Harvard University
Curriculum Vitae**

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Name: Holly Catherine Gooding

Office Address: 333 Longwood Ave 6th floor, 333 Longwood, LO 647

Home Address: 613 South Street, Boston, MA 02131

Work Phone: (857) 218-5037

Work E-Mail: Holly.Gooding@childrens.harvard.edu

Work Fax: (617) 730-0184

Place of Birth: Durham, NC

Education

2000	BS (Summa cum laude)	Genetics	University of Georgia
2004	MS	Health and Medical Sciences	University of California Berkeley School of Public Health
2006	MD	Medicine	University of California San Francisco School of Medicine

Postdoctoral Training

06/06 - 06/09	Clinical Fellow	Internal Medicine	Brigham and Women's Hospital
07/09 - 06/11	Clinical Fellow	Adolescent Medicine	Boston Children's Hospital
01/10 - 05/10	Scholar	Medical Education	Harvard Macy Program for Educators in the Health Professions

Faculty Academic Appointments

07/11 - 04/15	Instructor	Pediatrics	Harvard Medical School
05/15 - Present	Assistant Professor	Pediatrics	Harvard Medical School
11/15 - Present	Assistant Professor	Medicine	Harvard Medical School

Appointments at Hospitals/Affiliated Institutions

Current

07/09 - Present	Associate Physician	Medicine (Internal Medicine)	Brigham and Women's Hospital
07/11 - Present	Assistant Physician	Medicine (Adolescent)	Boston Children's Hospital

Other Professional Positions

2000 - 2001	Research Assistant	National Human Genome Research Institute, Bethesda, MD
2001 - 2004	Teaching Assistant	University of California Berkeley Departments of Integrative Biology and Molecular Cell Biology, Berkeley, CA

Major Administrative Leadership Positions

Local

2008	Primary Care Chief Resident	Veterans Affairs Boston Healthcare System
2012 - Present	Director, Interprofessional Teaching and Educational Leadership	Boston Children's Hospital (Division of Adolescent/Young Adult Medicine)
2013 - 2015	Co-Director, Adolescent Medicine Elective	Harvard Medical School
2013 - 2015	Team Leader, Adolescent Medicine Medical Home Initiative	Boston Children's Hospital
2013 - 2016	Co-Director, Adolescent Medicine Resident Rotation	Boston Children's Hospital
2013 - 2016	Director, Humanistic Curriculum	Brigham and Women's Hospital
2013 - Present	Faculty Advisor, Medical Education Student Interest Group	Harvard Medical School
2014 - 2015	BWH Site Director, Introduction to the Profession (IN555.0)	Harvard Medical School
2014 - 2016	Cognitive Science Theme Director and Core Course Faculty	Harvard Macy Program for Educators in the Health Professions
2016 - Present	Co-Director	Harvard Macy Program for Educators in the Health Professions
2017 - Present	Course Director - Elective Longitudinal Course in Medical Education	Harvard Medical School (Medical Education)

Committee Service

Local

2009 - Present	Transitions from Pediatric to Adult Centered Medical Care Committee 2009 - Present	Brigham and Women's Hospital/Boston Children's Hospital Member
2010 - 2014	Graduate Medical Education Committee 2010 - 2014	Boston Children's Hospital Member
2016 - 2017	Wellness & Mental Health Taskforce 2016 - 2017	Harvard Medical School Co-Chair

Professional Societies

2006 - Present	Massachusetts Medical Society	
2008 - Present	Society for General Internal Medicine 2015 - 2016	Abstract Reviewer (Educational Innovations)
2009 - Present	American Board of Internal Medicine	
2010 - Present	Boston Children's Hospital Academy of Medical Educators	
2010 - Present	Society for Adolescent Health and Medicine 2011 - 2013	Chair, Electronic Health Record Committee
2012 - 2013	The Obesity Society	
2012 - Present	Harvard Medical School Academy 2012 - Present	Member, Peer Observation Interest Group, Resident as Teacher Interest Group
2013 - Present	The American Heart Association 2014 - Present 2014 - Present	Member, Atherosclerosis, Hypertension, and Obesity in the Young Committee Abstract Reviewer (Epidemiology/Lifestyle)
2015 - 2017	American Society of Preventive Cardiology	
2016 - 2017	Society of Behavioral Medicine	

Editorial Activities

Ad hoc Reviewer

Advances in Clinical Nutrition

American Journal of Preventive Medicine

Human Reproduction

Hypertension

Journal of Adolescent Health

Journal of Clinical Lipidology

Journal of General Internal Medicine

Obesity

Pediatric Research

Honors and Prizes

1998	Foundation Fellow	University of Georgia	Merit Scholarship
1999	Blue Key National Honor Society	University of Georgia	Honor Society
2000	Phi Beta Kappa	University of Georgia	Honor Society
2000	Sphinx Society	University of Georgia	Service and Leadership
2001	Outstanding Research Project	National Human Genome Research Institute	Research
2003	Outstanding Research	Northern California Alzheimer Association	Research
2005	Humanitarian Fellowship	Soroptomist Pacific Region	Service and Leadership
2005	Primary Care Fellowship	MacKenzie Foundation	Service and Leadership
2006	Alpha Omega Alpha	UCSF	Honor Society
2008, 2011, 2016	Excellence in Tutoring Award	HMS	Education
2008	Resident Mentor Award	BWH	Education
2009	Golden Stethoscope	BWH	Education
2012	Medical Educator Award for Innovative Scholarship	BCH Academy of Medical Educators	Education

2013	Associate BIRCWH Scholar	Building Interdisciplinary Research Careers in Women's Health Program Brigham and Women's Hospital	Research
2013	Estherann Grace Teaching Award	BCH, Division of Adolescent/Young Adult Medicine	Education
2013	Research Poster Award for Excellence in Women's Health & Gender Biology	Connors-BRI Center for Research on Women's Health and Gender Biology	Education
2014	Blue Key Young Alumnus Award	University of Georgia	Honor Society
2014	Curtis Prout Academy Fellow in Medical Education	Harvard Medical School Academy	Education
2014	Finalist, Sandra A. Daugherty Award for Excellence in Cardiovascular Disease or Hypertension Epidemiology	American Heart Association	Research
2015	Excellence in Ambulatory Lecturing Award	Brigham and Women's Hospital	Education
2015	Nominee, Harvard Medical School Donald O'Hara Faculty Prize for Excellence in Teaching (Years I & II)	Harvard Medical School	Education
2015	University of Georgia 40 Under 40	University of Georgia	Alumni Honor

Report of Funded and Unfunded Projects

Grants and Sponsored Research

Past

2009 - 2011 An Educational Intervention to Increase Preventive Care Services Provided to Adolescent and Young Adult Patients by Internal Medicine Physicians
Aerosmith Endowment Fund for the Prevention and Treatment of HIV, Internally Funded - CHBO, Aerosmith
PD/PI (Direct Cost: \$4,676)

The goal of this project was to develop, pilot and assess the effectiveness of an

educational intervention designed to increase screening of adolescents and young adults for sexually transmitted infections, substance abuse, and mood disorders. I designed an interactive educational module utilizing adolescent patient instructors, created and validated a survey for use in the evaluation of the module's effectiveness and collected provider-level data on screening practices via a patient data research registry.

2012 - 2013 Improving End of Year Handoffs of Resident Primary Care Panels
BWH Department of Medicine Support for Excellence in Educational Development (SEED) Grant, Non-Federal i.e., Foundation, Trust, Foundation
Mentor (PD/PI: Sonja Rakowski)

The goal of this project was to assess whether annual resident physician graduation was associated with increased adverse events for residents' primary care patients. I mentored Dr. Rakowski on all aspects of the study including grant submission, study design, institutional review board submission, data collection, interpretation of data, and manuscript preparation.

2012 - 2013 A Cooking and Eating Study (CES)
Thrasher Foundation, Non-Federal i.e., Foundation, Trust, Foundation
Co-Investigator (PD/PI: Cara Ebbeling)

The goal of this randomized controlled trial was to test the effectiveness of a low glycemic index diet compared to a low-fat diet for reducing bioavailable testosterone in adolescents with polycystic ovarian syndrome (PCOS). I performed study examinations, supervised recruitment of participants, interpreted study data for referring physicians, and participated in data analysis and manuscript preparation.

2012 - 2014 Adolescent predictors of cardiovascular disease in women: genetic, hormonal, and environmental influences
National Heart, Lung, Blood Institute Loan Repayment Program, Federal
PI (Direct Cost: \$0)

The goal of this project was to understand contextual factors conducive to the maintenance of cardiovascular health in young women in the National Longitudinal Study of Adolescent Health and the Developmental Origins of Health Disparities Study, with a focus on the impact of early life adversity and stress response.

2012 - 2013 Predictors of maintenance of ideal cardiovascular health throughout the life course in women
Mccarthy Family Foundation, Non-Federal i.e., Foundation, Trust
PD/PI (Direct Cost: \$10,000)

The goal of this project was to understand contextual factors conducive to maintenance of cardiovascular health in young women in the National Longitudinal Study of Adolescent Health and Developmental Origins of Health Disparities Study, with a focus on the impact of early life adversity and the stress response.

2013 - 2015 Comparative effectiveness of adolescent lipid screening and treatment strategies
Patient Centered Outcome Research Institute, Non-Federal i.e., Foundation, Trust, PCORI
Co-Investigator (PD/PI: Sarah De Ferranti)

The goal of this study was to improve decision-making regarding lipid screening and treatment in adolescents by characterizing adolescent and parent preferences regarding lipid screening and treatment and examining the comparative effectiveness of different screening and treatment strategies. I designed developmentally appropriate research materials for adolescents, supervised recruitment of participants, created educational materials regarding adolescent decision-making for stakeholder panels, interpreted results, contributed to manuscript preparation, and authored 2 first-author papers from this project.

2014 - 2015 Creation of a Curriculum in Medical Education for the HMS Academy Medical Student Interest Group
HMS Academy Medical Education Fellowship, Hospital, HMS Academy Medical Education Fellowship
PD/PI (Direct Cost: \$22,846)

The goal of the project was to develop a curriculum in medical education for undergraduate students in the HMS Academy Medical Student Interest Group (MEDSIG), encompassing four key areas in medical education: direct teaching, curricular design, educational leadership and scholarship.

2013 - 2016 Cardiovascular health across the lifespan: developing a novel prediction model
Boston Children's Hospital (Shore Fellowship), Hospital, OFD
PD/PI (Direct Cost: \$100,000)

The goal of this project is to conduct a preliminary analysis within the Coronary Artery Risk Development in Young Adults (CARDIA) study to develop a novel prediction model for cardiovascular health in late adolescents and young adults.

2015 Implementation and Evaluation of the Academy for Eating Disorders Medical Guide within a Pediatric Learning Community
Academy of Eating Disorders, Non-Federal i.e., Foundation, Trust, AED
PD/PI (Direct Cost: \$10,000)

The goal of this project is to study implementation of the Academy for Eating Disorders Medical Guide in a diverse group of practices representative of general pediatrics practice in the United States. We will evaluate the use of the guide using two educational strategies: in-person discussion combined with practice improvement initiatives and electronically delivered questions to reinforce key concepts.

2015 - 2016 Adolescent Social Media and Health Study
Aerosmith Endowment Fund for the Prevention and Treatment of HIV, Non-Federal i.e., Foundation, Trust, Aerosmith
PD/PI (Direct Cost: \$3,500)

The goal of this project is to assess adolescent and young adult attitudes toward the use of social media for communication of health-related information.

2016 Transforming team-learning teaching cases in public health for online platforms: an e-learning module development project
Harvard Initiative for Teaching and Learning (HILT), Higher Education
Co-Investigator (PD/PI: S. Bryn Austin)

Case method teaching is a hallmark of many of Harvard's schools and programs, including the Harvard-based training program STRIPED (www.hsph.harvard.edu/striped), which has published six cases to date designed for traditional, in-person classroom implementation in public health settings. To learn how best to reach working professionals in the broader community served by Harvard's many areas of expertise, we sought support from the HILT Spark Grant Program to transform our STRIPED teaching cases for online delivery, consistent with current Harvard research on digital learning.

Training Grants and Mentored Trainee Grants

2015 - 2020 Maintenance of Ideal Cardiovascular Health across the Life Course in Women (Active) National Institutes of Health (NIH), Federal, 1K23HL122361-01A1 PD/PI (Direct Cost: \$634,690)

The goal of this mentored career development award is to train the principal investigator in cardiovascular epidemiology, life course epidemiology, and mixed methods research techniques. The aims of the research are to create novel models which predict cardiovascular health from adolescence through young adulthood and to understand the adolescent and young adult perspective on cardiovascular health. These projects will lay the foundation for provides a targeted patient-oriented interventions with the potential to lead to substantial changes in the long-term health of women.

Report of Local Teaching and Training

Teaching of Students in Courses Report of Local Teaching and Training

Teaching of Students in Courses

Harvard Medical School

2008 - 2013	Patient Doctor I, II and IV (COMP)	Harvard Medical School
	10 medical students (evaluator)	1 session per semester
2012 - 2014	Introduction to the Profession (IN555.0)	Harvard Medical School
	8 medical students	4 sessions
2009 - 2016	Endocrinology and Reproductive Pathophysiology (IN757.ER)	Harvard Medical School
	10 medical students	4 sessions per week for 3 weeks
2017	Transitions to the Profession: Confidential Care of the Adolescent	Harvard Medical School

Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs)

2010 - Present	Leadership Education in Adolescent Health Teaching Leadership Course 1st-year fellows in Adolescent Medicine	Boston Children's Hospital 5 three-hour sessions over 12 weeks
2011 - Present	Adolescent/Young Adult Health for Internal Medicine Physicians	Brigham and Women's Hospital and Massachusetts General Hospital
2012 - 2016	Internal Medicine PGY-1 residents Humanistic Curriculum Facilitator	One-hour lecture, recurring Brigham and Women's Hospital 1.5 hours session per month for 9 months
2009-2017	Core Adolescent Health Topics (STI screening and treatment, Puberty, Menstrual Disorders, Eating Disorders, Sports Medicine) PGY1 Residents in Pediatrics	Boston Children's Hospital Boston, Massachusetts 1 hour session 1 time per month for 12 months
2017	Advanced Adolescent and Young Adult Medicine	Brigham and Women's Hospital
2017	PGY2 and PGY 3 Residents in Internal Medicine Cardiovascular Disease Screening in Teens	one time interactive session Boston Children's Hospital Pediatric Residents
2017	The Cognitive Science of Teaching and Learning	Brigham and Women's Hospital Internal Medicine residents
2013 - 2016	Complex Contraceptive Management Adolescent Medicine Fellows	Boston Children's Hospital One-hour lecture annually

Clinical Supervisory and Training Responsibilities

2009 - Present	Ambulatory Adolescent Medicine Clinic Preceptor - Boston Children's Hospital	1 session per week
2011 - Present	Adolescent Medicine Inpatient Ward Teaching Attending - Boston Children's Hospital	4-6 weeks per year

Formally Mentored Harvard Medical, Dental and Graduate Students

2015 - 2016	Wen Fan Hu, HMS class of 2016 Creation of an MD/PhD Transition Course - Created, delivered, and evaluated a new curriculum for MD/PhD students at HMS transitioning back to the Principle Clinical Experience.	
2015 - 2017	Jasmine Rana, HMS class of 2017 Near-Peer Teaching - I served as Jasmine Rana's adviser within the HMS Masters in Medical Education Program. I supervised her creation of a near-peer teaching	

elective for HMS students and preparation of a manuscript regarding the experience, published in Medical Teacher.

- 2015 - 2017 Rosawan Areemit, HMS class of 2017
The characteristics, supports and barriers of feedback provided to medical students: A mixed method study in a Tertiary care medical institute in Northeastern Thailand - I was the academic adviser and thesis committee chair for MMSc in Medical Education candidate Rosawan Areemit. I met with her regarding her course selection and thesis progress.
- 2016 - 2017 YunXiang Chu, HMS class of 2017
Writing and implementing the First Aid Curriculum: Towards a modular, flexible, and customizable medical school curriculum - I supervised Yun in a year long independent study of curriculum development for ScholarRX, meeting with her monthly to discuss core medical education projects and review her progress.
- 2016 - Present Bao Le, HMS class of 2018
Effectiveness of the new Integrated and Interactive Curriculum on the 1st year Medical Students at UMP, Vietnam - I am the academic adviser and thesis committee chair for MMSc in Medical Education candidate Bao Le. I meet with him regarding his course selection and thesis progress bimonthly.
- 2016 - Present Horatio Thomas, HMS class of 2018
Career Choice among Internal Medicine Post Graduate Trainees - I am the academic adviser for MMSc in Medical Education candidate Horatio Thomas. I meet with him regarding her course selection and thesis progress at least quarterly.
- 2017 - Present Felipe Piza, HMS class of 2018
Assessing metacognition awareness of evidence-based learning strategies' and academic performance among medical students and faculty - I am the primary research mentor for Dr. Piza's masters thesis project and meet with him monthly.
- 2017 - Present Kelly Willis, HMS class of 2018
Effectiveness of an Adaptive Spaced Education Game for Behavioral Management Training during Pediatric Residency - I am the primary research mentor for Dr. Willis's masters thesis project and meet with her biweekly.

Other Mentored Trainees and Faculty

- 2012 - 2013 Sonja Rakowski, MD
Career Stage: resident *Mentoring Role:* Mentor *Accomplishments:* Secured BWH SEED Grant for innovations in medical education; published manuscript with research findings
- 2013 Shannon McGinty, MD
Career Stage: Adolescent Medicine Fellow *Mentoring Role:* Mentor *Accomplishments:* Manuscript published regarding young adult awareness of cardiovascular risk factors

Formal Teaching of Peers

No presentations below were sponsored by outside institutions

- 2012 Harvard Macy Educators in the Health Professions: Reaching the Top of Miller's Pyramid by Applying Quality Improvement Techniques to your One-hour workshop

Medical Education Project

2012	Adolescent Medicine CME: Hypertension in the Adolescent	Single presentation
2013	Adolescent Medicine CME: Addressing Cardiovascular Risk in Adolescents	One-hour workshop
2015	Adolescent Medicine CME: Dyslipidemia in Adolescents	Single presentation
2011 - 2015	Adolescent Medicine CME: Complex Contraceptive Cases	Single presentation annually
2015	Harvard Macy Educators in Health Professions: The Cognitive Science of Teaching and Learning	Two one-hour workshops
2015	Harvard Macy Educators in Health Professions: Smart Presentation Design Using Cognitive Science Principles	One-hour workshop
2016	Adolescent Medicine CME: Update in Adolescent Medicine	One 90-minute workshop
2015 - 2016	Adolescent Medicine CME: Updates in Contraception	Single presentation annually
2017	The New Learner's World Health Care Education 2.0	2 hours
2017	Teaching with Uncertainty to Foster Adult Development Harvard Medical Education Day	4 hours
2017	Oral Contraception101 Pediatric and Adolescent Gynecology C	2 hours
2011 - Present	Harvard Macy Educators in Health Professions Educational Research Projects Harvard Macy Program for Educators in the Health Professions	Seven two-hour workshops annually

Local Invited Presentations

No presentations below were sponsored by outside institutions

- 2010 Deconstructing the Educational Encounter: use of microteaching to improve teacher skills / Workshop
Boston Children's Hospital

- 2010 Promoting Ownership and Empowerment in Learning/Division Retreat / Workshop

- 2010 The Polycystic Ovarian syndrome and its Metabolic Consequences/Grand Rounds / Lecture
Department of Pediatrics, Cambridge Health Alliance

- 2010 The Polycystic Ovarian Syndrome in Adolescents/Lunchtime Speaker Series / Lecture
Brigham and Women's Hospital

- 2012 Screening for Dyslipidemia in Adolescents/ Quailty Rounds / Lecture
Martha Elliot Health Center, Boston Children's Hospital

- 2012 The Hidden Curriculum in Adolescent Health / Workshop
Division of Adolescent/Young Adult Medicine, Boston Children's Hospital

- 2013 Case Writing for Interdisciplinary Problem Based Learning / Workshop
Division of Adolescent/Young Adult Medicine, Boston Children's Hospital

- 2013 Contraception for the Cancer Survivor / Lecture
Dana-Farber Cancer Institute

- 2013 Eating Disorders: Diagnosis and Treatment/ Preventive Cardiology Rounds / Lecture
Department of Cardiology, Boston Children's Hospital

- 2013 Peer Observation of Teaching in the Clinical Setting / Academy Workshop
Harvard Medical School

- 2013 Small Group Facilitation for Interdisciplinary Problem Based Learning / Workshop
Division of Adolescent/Young Adult Medicine, Boston Children's Hospital

- 2014 Patient Outcomes after Graduation of Resident Primary Care Physicians / Oral Presentation
Harvard Medical School

- 2014 What is Case Teaching?/Division Retreat / Workshop
Division of Adolescent/Young Adult Medicine, Boston Children's Hospital

- 2015 Lessons learned from medical education project to increase preventitive services provided in resident primary care practices / Oral Presentation
Harvard Medical School

- 2015 Integrating Leadership Training into Adolescent Health / Division Retreat Workshop
Boston Children's Hospital

- 2016 Teaching the Digital Learner / Lecture
Brigham and Women's Hospital

- 2016 Teaching Millennials: Bridging the Generations / Lecture

2017 Cardiovascular Health in Adolescents & Young Adults / Lecture

2017 Contraception Update / Grand Rounds

Report of Regional, National and International Invited Teaching and Presentations

No presentations below were sponsored by outside institutions

Regional

2010 Cardiovascular risk assessment for adolescents and young adults / Workshop
New England Regional Chapter of the Society for Adolescent Health and Medicine

2017 The Science of Learning and its Application to the Health Professions / Keynote/Plenary
Address - Author & Presenter
Evidence Based Education
Providence, Rhode Island, United States

National

2012 Enhance your adolescent medicine rotation: using teen instructors to teach pediatrics
residents core interviewing and counseling skills / Workshop
Pediatric Academic Societies
Boston, Massachusetts (Selected Abstract)

2012 Cardiovascular risk assessment for adolescents and young adults / Workshop
Society for Adolescent Health and Medicine
New Orleans, Louisiana (Selected Abstract)

2013 Adolescents and Electronic Health Records: Is protecting privacy while ensuring access
to information possible? / Workshop
Society for Adolescent Health and Medicine
Atlanta, Georgia (Selected Abstract)

2014 Application of pediatric and adult lipid treatment guidelines to U.S. adolescents / Oral
Presentation
American Heart Association Scientific Sessions
Chicago, Illinois (Selected Abstract)

2014 Development of a novel interprofessional case-based curriculum in adolescent health /
Oral Presentation
Association of American Medical Colleges Medical Education
Chicago, Illinois (Selected Abstract)

2014 Should they stay or should they go? Ethical issues during the transition from pediatric to
adult centered care / Grand Rounds
Norton Healthcare
Louisville, Kentucky

2015 Staying Young at Heart: Achieving Life-long Cardiovascular Health Through
Heart-Healthy Transitions / Workshop
Society for Adolescent Health and Medicine

Los Angeles, California (Selected Abstract)

- 2015 Addressing Atherosclerotic Risk in the Under 40 Crowd: Gaps in Guidelines and Gaps in Care / Workshop - Moderator
American Heart Association Scientific Sessions
Orlando, Florida
- 2015 Adolescent and Young Adult Medicine for the Internist / Oral Presentation - Author & Presenter
Weill Cornell Medical College
New York, New York
- 2015 Cognitive Science and Hospital-based Education / Oral Presentation - Author & Presenter
Weill Cornell Medical College
New York, New York
- 2016 Lipid Screening and Treatment in Adolescents / Lecture - Author & Presenter
Women's Heart Health Conference
Monterrey, California
- 2016 Adolescent Well Care / Lecture - Author & Presenter
Women's Heart Health Conference
Monterrey, California
- 2017 Preserving and Promoting Health During the Transition to Adulthood / Lecture - Author & Presenter
Columbia University Medical Center Center for Behavioral Cardiovascular Health
New York, New York, United States
- 2017 Young Adult Cardiovascular Health / Oral Presentation - Author & Presenter
NHLBI Young Adult Cardiovascular Workshop
Bethesda, Maryland, United States
- 2017 Inside Out: Examining our assumptions in education / Oral Presentation - Author & Presenter
American Association of Medical Colleges
Boston, Massachusetts (Selected Abstract)
- 2017 Difficult Cases in Pediatric Prevention / Oral Presentation - Author & Presenter
American Heart Association Scientific Sessions
Anaheim, California, United States

International

- 2016 Fostering Joy in Medicine Through Art and Reflection / Oral Presentation
International Conference on Physician Health
Boston, United States (Selected Abstract)

Report of Clinical Activities and Innovations

Current Licensure and Board Certification

- 2008 - Massachusetts Medical License
Present

2009 - Present American Board of Internal Medicine

2012 - Present American Board of Internal Medicine Subspecialty Certification: Adolescent Medicine

Practice Activities

2009 - 2011	Inpatient Staff	Hospitalist Service, Faulkner Hospital	1 weekend per month
2009 - 2014	Ambulatory Care	General Adolescent Medicine, Boston Children's Hospital	3 sessions per week
2009 - 2015	Ambulatory Care	Reproductive Endocrinology, Boston Children's Hospital	0.5 session per week
2009 - 2017	Ambulatory Care	BWH Internal Medicine Associates, Brigham and Women's Hospital	1 session per week
2010 - 2011	Ambulatory Care	Preventive Cardiology Clinic, Boston Children's Hospital	2 sessions per month
2011 - Present	Inpatient Attending	Adolescent Medicine, Boston Children's Hospital	4-6 weeks per year
2014 - 2015	Ambulatory Care	General Adolescent Medicine, Boston Children's Hospital	2 sessions per week
2016 - Present	Ambulatory Care	General Adolescent Medicine, Boston Children's Hospital	1 session per week

Clinical Innovations

Pulmonary Hypertension Young Women's Program (2012 - Present)

Created outpatient consultative service in collaboration with pediatric cardiologist Dr. Mary Mullen to provide comprehensive care for young women with PH

Standardized Clinical Assessment and Management Plan (SCAMP) for Polycystic Ovarian Syndrome (2012 - Present)

Created plausible outcomes, clinical decision support algorithms, and data collection forms as part of hospital-wide quality improvement program; educated clinical staff on its use and served as co-leader of SCAMP projects for our Division

Division of Adolescent/Young Adult Medicine Medical Home Initiative (2013 - 2015)

Led a multi-disciplinary team of physicians, nurse practitioners, nurses, clinical assistants, and ambulatory service representatives to enhance interprofessional care and continuity of care

Report of Teaching and Education Innovations

Evaluation of a Novel Interprofessional Case-Based Curriculum in Adolescent Health (2013 - 2015)

This was a formal evaluation of a case-based curricular innovation within the Boston Children's Hospital Maternal and Child Health Bureau (MCHB) funded Leadership Education in Adolescent Health fellowship. We developed 6 inter-professional cases to teach core topics in adolescent health. I developed evaluation tools and supervised data collection by a research assistant for this project. This work was published in the Journal of Adolescent Health.

Adolescent Medicine Longitudinal Keystone Elective (2015 - 2016)

We created an educational innovation within the Boston Combined Residency in Pediatrics. We redesigned the required adolescent medicine rotation, changing from a one unidisciplinary experience to a three month experience interwoven with the disciplines of developmental medicine and advocacy. We are actively examining the differences between the two systems by comparing the course evaluations from the two years. We will address in differences in learner satisfaction with the rotation, interest in the field and perceived competency in adolescent-specific areas.

Report of Education of Patients and Service to the Community

Activities

No activities below were sponsored by outside institutions

2008	Hue University Medical Center and Charity Clinic/Other Hue University Medical Center and Charity Clinic, Hue Vietnam: Provided volunteer medical services on inpatient internal medicine ward and in outpatient free clinic
2011	Joslin/Guest Speaker Joslin Diabetes Camp: Delivered seminar on transition to college for youth living with Type I Diabetes
2012 - 2013	Harvard College Pre-Medical Society/Other Harvard College Pre-Medical Society Mentoring Program: Mentored undergraduate students interested in medical careers, including providing bi-monthly experiences seeing patients with me in clinic and meeting bi-annually for career advice

Educational Material for Patients and the Lay Community

"Those educational materials below sponsored by outside entities are so noted and the sponsor(s) is (are) identified"

Books, monographs, articles and presentations in other media (e.g., video and websites, movies, television and radio) that educate the public about medicine, health or biomedical sciences

February 2016	Freshman Challenge: How To Keep Kids Healthy, Happy In College	Media Interview (NBC News)	http://www.nbcnews.com/feature/college-game-plan/freshman-challenge-how-keep-kids-healthy-happy-college-n519376
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Educational material or curricula developed for non-professional students

2006	John D O'Bryant School for Math and Science: Developed medical education curriculum for use in a high school physiology and anatomy course	Curriculum	
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Patient educational material

2012	Adolescent Issues and Self-Esteem Building	Web Teaching Material (Pulmonary Hypertension Association)	
2012	Contributor for Young Men's Health Website	Web Teaching Material	http://youngmenshealthsite.org
2012	Living as a teen with chronic illness	Patient Education Materials (Pulmonary Hypertension Association)	
2014	Psychosocial Support for PH Kids and Teens	Web Teaching Material (Pulmonary Hypertension Association)	
2015	Ask the expert: how to handle teen's high cholesterol	Thriving blog (Boston Children's Hospital)	http://childrenshospitalblog.org/
2015	Birth Control And Weight Gain: Myths and Realities	Weighing-In blog (Harvard Pilgrim Health Care)	http://weighinginblog.org
2016	5 tips to help teens stay heart healthy	Thriving blog (Boston Children's Hospital)	http://childrenshospitalblog.org/

Report of Scholarship

Peer-Reviewed Scholarship in print or other media

Research Investigations

1. Condit CM, Ferguson A, Kassel R, Thadhani C, **Gooding H**, Parrott R. An exploratory study of the impact of news headlines on genetic determinism. *Science Communication*. Forthcoming 2001; 22(4): 379-95.
2. **Gooding H**, Boehm K, Thompson RE, Hadley D, Francomano CA, Biesecker BB. Issues surrounding prenatal genetic testing for achondroplasia. *Prenatal diagnosis*. 2002 Oct 1; 22(10): 933-40. PubMed PMID: 12378581.
3. Rayburn LY, **Gooding H**, Choksi SP, Maloney D, Kidd, 3rd AR, Siekhaus DE, Bender M. amontillado, the Drosophila homolog of the prohormone processing protease PC2, is required during embryogenesis and early larval development. *Genetics*. 2003 Jan 1; 163(1): 227-37. PubMed PMID: 12586710; PubMed Central PMCID: PMC1462398.
4. Gollust SE, Thompson RE, **Gooding H**, Biesecker BB. Living with achondroplasia in an average-sized world: an assessment of quality of life. *American journal of medical genetics*. Part A. 2003 Aug 1; 120A(4): 447-58. PubMed PMID: 12884421.
5. Gollust SE, Thompson RE, **Gooding H**, Biesecker BB. Living with achondroplasia: attitudes toward population screening and correlation with quality of life. *Prenatal diagnosis*. 2003 Dec 15; 23(12): 1003-8. PubMed PMID: 14663838.
6. Hull SC, **Gooding H**, Klein AP, Warshauer-Baker E, Metosky S, Wilfond BS. Genetic research involving human biological materials: a need to tailor current consent forms. *IRB*. 2004 May 1; 26(3): 1-7. PubMed PMID: 15281193.
7. **Gooding H**, Organista K, Burack J, Biesecker BB. Genetic susceptibility testing from a stress and coping perspective. *Social science & medicine (1982)*. 2006 Apr 1; 62(8): 1880-90. PubMed PMID: 16198036.
8. **Gooding H**, Linnenbringer EL, Burack J, Roberts JS, Green RC, Biesecker BB. Genetic susceptibility testing for Alzheimer disease: motivation to obtain information and control as precursors to coping with increased risk. *Patient education and counseling*. 2006 Dec 1; 64(1-3): 259-67. PubMed PMID: 16860524.
9. Richmond T, Walls CE, **Gooding H**, Field A. Television viewing is not predictive of BMI in Black and Hispanic young adult females. *Obesity*. 2010 May 1; 18(5): 1015-20. PubMed PMID: 19876003; PubMed Central PMCID: PMC2861148.
10. **Gooding H**, Blood E, Sharma N. An educational intervention to increase internists' confidence with and provision of preventive services to adolescents and young adults. *Teaching and learning in medicine*. 2012 Jan 1; 24(4): 321-6. PubMed PMID: 23035999.

11. **Gooding H**, Walls CE, Richmond T. Food insecurity and increased BMI in young adult women. *Obesity*. 2012 Sep 1; 20(9): 1896-901. PubMed PMID: 21779092.
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