

# **CURRICULUM VITAE**

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## **EDUCATION AND TRAINING**

4/1982 – 3/1984 Pre-medicine, Keio University, School of Medicine, Tokyo, Japan  
4/1984 – 3/1988 M.D., Keio University, School of Medicine, Tokyo, Japan  
7/2001 – 10/2005 Ph.D., Medicine, Keio University, School of Medicine, Tokyo, Japan  
5//1988 – 4/1990 Intern and resident, Plastic and Reconstructive Surgery, Keio University Hospital, Tokyo, Japan  
5/1990 – 5/1992 Residency, Otolaryngology and Head and Neck Surgery Shizuoka Red Cross Hospital, Shizuoka, Japan  
6/1992 – 5/1994 Resident, General Surgery, Kawasaki City Hospital, Kanagawa, Japan  
6/1994 – 5/1995 Resident, Plastic and Reconstructive Surgery, Keio University Hospital, Tokyo, Japan  
7/2005 – 6/2006 Intern, Southwest Oklahoma Family Medicine, Lawton, Oklahoma  
7/2006 – 6/2008 Resident, Oakwood Annapolis Family Medicine, Wayne, Michigan  
11/2008 – 3/2009 Faculty Development Course, Family Medicine, University of Michigan, Ann Arbor, Michigan  
3/2019 – 4/2019 fastPACE program, Fast Forward Medical Innovation, University of Michigan, Ann Arbor, Michigan  
11/2019 – 7/2020 Faculty Scholarship Workshop, Family Medicine, University of Michigan, Ann Arbor, Michigan

## **CERTIFICATION AND LICENSURES**

1988 Medical Board certification in Japan  
1995 Board Eligible, Japanese Society of Plastic and Reconstructive Surgery  
2005 ECFMG certification  
2007 State of Michigan Medical License  
2007 Wound care certification, National Alliance of Wound Care  
2008 American Board of Family Medicine Certification  
2014 Primary Hyperbaric Medicine Course

## **ACADEMIC, ADMINISTRATIVE, AND CLINICAL APPOINTMENTS**

### Academic

- 6/1995 – 11/1995 Clinical Instructor, Plastic and Reconstructive Surgery, Keio University Hospital, Tokyo, Japan
- 7/2008 – 6/2014 Clinical Lecturer, Department of Family Medicine, University of Michigan
- 7/2014 – present Clinical Assistant Professor, Department of Family Medicine, University of Michigan

### Administrative

- 6/1994 – 5/1995 Chief Resident, Plastic and Reconstructive Surgery, Keio University Hospital, Tokyo, Japan
- 3/2016 – present Family Mother Newborn Service Chief
- 6/2020 - present Interim director, Japanese Family Health Program

### Clinical

- 11/1995 – 4/1996 Staff Physician, Plastic Surgery, Tokyo Saiseikai Central Hospital, Tokyo, Japan
- 4/1999 – 3/2001 Staff Physician, Plastic Surgery, Tokyo Saiseikai Central Hospital, Tokyo, Japan
- 10/2003 – 6/2005 Medical Assistant, Primary Care Associates, Anchorage, Alaska
- 7/2008 – 9/2014 Staff Physician, Domino's Farm Family Medicine Center, Department of Family Medicine, University of Michigan
- 9/2014 – present Staff Physician, Livonia Health Center, Department of Family Medicine, University of Michigan
- 10/2008 – present Staff Physician, Family Medicine Obstetric/Newborn Services, University of Michigan Hospital
- 10/2011 – 11/2013 Staff Physician, Family Medicine Wound Clinic at Plastic Surgery Clinic, University of Michigan
- 11/2013 – present Staff Physician, Comprehensive Wound Care Clinic, University of Michigan

## **RESEARCH INTEREST**

1. Application of Family Medicine principles to the care of Japanese women in the United States, especially pregnant women.

5/5/2010-8/4/2011. PI: Group prenatal visits for Japanese patients at the Japanese Family Health Program (HUM00038148).

11/21/2011- 6/30/2014. PI: Stress and satisfaction of Japanese pregnant women in the United States (HUM00052627)

2. Education of primary care providers on outpatient treatment of chronic wounds.

6/6/2013 – 2015. PI: Needs assessment for wound care education. (HUM00076975, not regulated)

3. Education of residents on surgical procedures

10/2018- present. PI: Development and evaluation of independent learning curriculum with video capture of suturing skills for family medicine residents. (HUM00123511, not regulated)

7/2019 – present. PI: Use of cervical exam model to improve labor and delivery training (HUM 00162702, not regulated)

## **GRANTS**

### Current:

University of Michigan Family Medicine Educational Scholar Program (FMESP):  
Development of Pediatric Home Visit program for residents. 1/2020-6/2020.

### Previous:

FMESP: Development of education using novel cervical exam models. 3/2019-  
4/2019

FMESP: Development of independent learning modules of suturing for residents.  
10/2017-3/2018

University of Michigan Center for Japanese Studies Faculty Research Grant  
Stress of Japanese pregnant women in the United States  
Principal Investigator  
5/2011- 4/2012  
\$17,100 (10% effort)

FMESP: Development and evaluation of Japanese group prenatal visit program  
1/2011 – 6/2011

Massachusetts General Durant Fellowship, through the Center for Global Health  
Office of Disaster Response  
Travel support for Tsunami relief effort with TMAT  
4/ 2011, \$1,000

Clinical Effectiveness Research Funds 2007, Oakwood System,  
Wound Care Service by Family Medicine Residency at Oakwood Annapolis  
Hospital.  
11/2006, \$5,500

Japan Society for Promotion of Science (JSPS),  
Grant-in-Aid for Scientific Research/ Encouragement of Scientist

Developing a new animal model for human wound healing using NOD/SCID mice  
Principal Investigator  
4/2000, \$20,000

JSPS, Grant-in-Aid for Scientific Research  
Creative research by an individual scientist  
Role of small G protein Rho in wound contraction  
Principal Investigator  
4/2000, \$20,000.

JSPS, Grant-in-Aid for Scientific Research/Encouragement of Scientist  
Developing human hemangioma model human endothelial cell line and SCID mice  
Principal Investigator  
4/1995, \$20,000

## **HONORS and AWARDS**

5/2008                      John Battle, MD Memorial award for Obstetrics leadership,  
Oakwood Health System  
5/2008                      Family Medicine Research Award, Oakwood Health System  
5/2012                      Best Family Medicine Poster Presentation by a Faculty  
Member, Michigan Family Medicine Research Day XXXV

## **MEMBERSHIPS IN PROFESSIONAL SOCIETIES**

1988 -- Present              Keio University School of Medicine Alumni  
1988 – 2001                  Japanese Society of Plastic and Reconstructive Surgery  
2005 -- Present              American Academy of Family Physicians  
2005 – Present                American Medical Association  
2013 – Present                Society of Teachers of Family Medicine

## **TEACHING**

2008 – present              Medical Student Preceptor, University of Michigan  
Department of Family Medicine Third Year Medical Student  
Clerkship  
2009 – 2/2015                Resident Preceptor, University of Michigan Department of  
Family Medicine resident clinic at Ypsilanti Health Center  
3/2015 – present              Core Resident Preceptor, University of Michigan Department  
of Family Medicine resident clinic at Ypsilanti Health Center  
8/2008 – present              Attending Physician, Family Medicine Obstetrics/Newborn  
Service, University of Michigan Hospital  
2011 – 9/2013                Resident Preceptor, Family Medicine Wound Clinic at Plastic  
Surgery Clinic, University of Michigan

- 9/2013 – present Resident Preceptor, Comprehensive Wound Care Clinic, University of Michigan
- 10/2017 – 10/2018 Development and implementation of independent suture training curriculum at Clinical Simulation Center
- 10/2018 – present Evaluation and feedback of videos of the resident suture performance via independent suture training program

#### Presentations – Ground Rounds

- 5/2011 Diagnosis and treatment of ectopic pregnancy: M&M
- 2/2012 Cultural acceptability of prenatal group visits to Japanese women: FMESP project
- 1/2016 Outpatient M&M
- 1/2017 Outpatient M&M

#### Presentations – Residents Conference

- 3/2013 Wound care principles
- 7/2014 Wound care principles (HO1 block month lecture)
- 10/2014 Pressure ulcers
- 2/2015 Leg ulcers
- 12/ 2015 - 2019 Suturing work shop (HO2 block month lecture)
- 11/2016 Medication safety in pregnancy and lactation
- 3/2017 Pressure ulcers
- 7/ 2012 - 2019 Pregnancy care of Japanese patients (HO1 block month lecture)
- 7/2019 Cervical exam and related procedure training (HO1 block month workshop)

#### Presentations – M4 Boot cam

- 2/2019 Workshop for Cervical exam and related procedures

### **ADVISEES**

- 7/2014 - 6/2015 Marian Deames HO1
- 7/2015 - 6/2018 Monica Benedikt HO1-HO3
- 7/2018 - present Ethan Scott HO1
- 7/2016 - present Julie Prussack, Clinical Lecturer
- 12/2017 - 2/2018 Toshiaki Wakai, Clinical Lecturer

## **COMMITTEE, ORGANIZATIONAL AND VOLUNTEER SERVICE**

### Institutional

6/1/2010 – 9/2014	Domino's Farm Family Medicine Center, Team 3 leader
4/01/2011 – 11/2014	Wound Care Steering Committee
3/07/2012 – 11/2013	Wound Care Outpatient Subcommittee
11/2013 – present	Residency Clinical Competency Committee
12/2014 – present	Committee of clinical guideline of neonatal hyperbilirubinemia
12/2014 – present	Co-director of Primary Healthcare of Women CME Course
3/1/2016 – present	Family Mother Newborn Service Chief
3/1/2016 – 12/2016	Zika Task Force

### Volunteer Service

4/10/2011 – 4/17/2011	Medical volunteer with Tokushukai Medical Aid Team (TMAT). Disaster relief effort in Minami Sanriku after Great Eastern Japan Earthquake
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## **VISITING PROFESSORSHIPS, SEMINARS, AND EXTRAMURAL INVITED PRESENTATIONS**

### Shizuoka Family Medicine Residency

1. 6/2011 Female physician as a Family Physician—Life-work balance
2. 6/2011 Amenorrhea
3. 6/2011 Relaxation techniques
4. 6/2011 Japanese group prenatal visits
5. 6/2011 Abnormal uterine bleeding
6. 9/2012 Acne vulgaris
7. 9/2012 Vulvar itching
8. 5/2013 Osteoporosis
9. 5/2013 Abnormal uterine bleeding
10. 5/2013 Menopause

### Midwinter Family Medicine Update

1. 2/2013 Wound Care Principles
2. 2/2013 Pressure ulcers
3. 2/2013 Leg ulcers
4. 2/2013 Ectopic pregnancy

## BIBLIOGRAPHY

### Peer-Reviewed Journals

1. Kaneko T, Kobayashi M, Kishi K, Hirano S, Suzuki G, Okumoto T, Fujino T : Plastic, Reconstructive and Aesthetic Surgery. Microtia total reconstruction with tissue expansion and three-dimensional autologous cartilage framework assembled using a life-sized mirror image wax model. Kugler Publications, 419-420, 1995 Innovative procedures [ I participated in making models and utilizing them in the surgery]
2. Hirano S, Kaneko T, Fujino T, et al. Our Experiences of mandibular reconstruction with pedicled rib graft vascularized with the perforating branches of the posterior intercostal arteries. Head and Neck Cancer, 22, p120-126, 1996 Innovative procedures [I did some of the surgery cases and wrote most of the manuscript]
3. Hirano S, Rees RS, and Gilmont RR. MAP Kinase Pathways Involving Hsp27 Regulate Fibroblast Mediated Wound Contraction. Journal of Surgical Research. 102, p77-84, 2002 Original research
4. Hirano S, Rees RS, Yancy SL, Welsh MJ, Remick DG, Yamada T, Hata J, and Gilmont RR. Endothelial barrier dysfunction caused by LPS correlates with phosphorylation of HSP27 *in vivo*. Cell Biology and Toxicology. 20, p1-14, 2004 Original research
5. Hirano S, Shelden EA, and Gilmont RR. HSP27 Regulates Fibroblast Adhesion, Motility, and Matrix Contraction Cell Stress and Chaperones. 9, p29-37, 2004 Original research
6. Hirano S, Sun X, Ransom RR, Welsh JJ, Smoyer WE, Shelden EA, and Benndorf R. p38/HSP25-signaling mediates cadmium-induced contraction of mesangial cells. American Journal of Physiology. 288, F1133-43, 2005 Original research
7. Little SH, Rockwell PG. Diagnosis and Management of Ectopic Pregnancy. Journal of Family Practice. 61, 678-686, 2012. Review.
8. Little SH, Menawat S, Worzniak M, and Fetters MD. Teaching Wound Care to Family Medicine Residents on a Wound Care Service. Advances in Medical Education and Practice. 4, 137 – 144, 2013 Original research
9. Little SH, Motohara S, Miyazaki K, Arato N, and Fetters MD. Prenatal group visit program for a population with limited English proficiency. J Am Board Fam Med. 2013 Nov-Dec;26(6):728-37. Original research
10. Forsch R, Little SH, Williams C. Laceration Repair: A Practical Approach. Am Fam Physician. 2017 May 15;95(10):628-636 Review.
11. Gobeski LD, Horvath DK, Hurley PK, Levy M, Little SH, McCarley KA, Nemshak M, Pawlowski CM, Pehovic R, Retzer DR, Schuster K, Seagull FJ, Skoczylas MS, Sroufe NS, Vredevelde JL Management of Indirect Neonatal Hyperbilirubinemia. Ann Arbor, MI: Quality Department, University of Michigan Health System, 2017. [Available from the National Guideline Clearinghouse at [www.guideline.gov](http://www.guideline.gov) and from UMHS at <http://www.uofmhealth.org/provider/clinical-care-guidelines>]. Review.



12. Benndorf R, Gilmont RR, Hirano S, Ransom RF, Jungblut PR, Bommer M, Goldman JE, Welsh MJ. Small heat shock protein speciation: novel non-canonical 44 kDa HspB5-related protein species in rat and human tissues. *Cell Stress Chaperones*. 2018 Mar 14. doi: 10.1007/s12192-018-0890-5.
13. Little SH, Fetters MD. Transcultural Modifications of a Japanese Language Group Prenatal Care Program for Transcultural Adaptation. *J Transcult Nurs*. 2018 July doi: 10.1177/1043659618785230. Original research
14. Little SH, Motoshara S, Pegue M, Medaugh C, Sen A, Ruffin MT. Japanese Women's Concerns and Satisfaction on Pregnancy Care in the United States. *J Perinat Edu*, 29(3), 152–160, <http://dx.doi.org/10.1891/J-PE-D-19-00009>. Original research

#### Non-peer reviewed publications

1. Hirano S and Nameki H. Surgical treatment of 2 cases of lower lip cancer—the experience of reconstruction with double upper lip switch flap. *Journal of Shizuoka Red Cross Hospital* 11(1), p49-53, 1991 Case report.
2. Iura A, Hirano S, Fetters M. Obstetrical care by family physicians in the United States: Prenatal and obstetrical care are the same as obstetricians for normal pregnancy. *Nikkei Medical*. 2010.12;34-37. Letter

#### Book Chapters

1. Hirano S, Matsumoto K, and Nougua K: A case of sudden death after vascular reconstruction of the lower limb. Multi-disciplinary treatment for severely ischemic limb. *Ishiyaku-shuppan*, p168-170, 1994 Case report

#### Abstracts

1. Hirano-Tanigawa S, RR. Gilmont, Adamson B, and. Rees RS. The Role of Hsp27 in Wound Contraction. 43th, Plastic Surgery Research Council, 4/1998, Loma Linda, CA.
2. Hirano-Tanigawa S, Gilmont RR, Adamson B, and Rees RS. The Role of Hsp27 in Wound Contraction. 12<sup>th</sup> Moses Gunn Annual Research Conference, Ann Arbor, MI, 5/1998
3. Hirano-Tanigawa S, Rees RS, and Gilmont RR. Hsp27 Expression and Phosphorylation Modulate Fibroblast Mediated Collagen Gel Contraction. American Society for Cell Biology (ASCB) Annual Meeting, Washington DC, 12/1999.
4. Hirano-Tanigawa S, Rees RS, Bitar K, and Gilmont RR. Hsp27 Expression and Phosphorylation Modulate Fibroblast Mediated Collagen Gel Contraction. Joint Meeting of Wound Healing Society and European Tissue Repair Society, Bordeaux, France. 8/1999.
5. Hirano-Tanigawa S, Yamada T, Nakajima T, Gilmont RR, and Hata J. The effect of the Rho-kinase inhibitor Y-27632 on wound contraction models. American Society for Cell Biology, Annual Meeting, 12/2000. San Francisco, CA.

6. Hirano-Tanigawa S, Gilmont RR, Yamada T, Rees RS, Nakajima T, and Hata J. Heat Shock Protein 27 is involved in floating collagen contraction. Wound Healing Society Annual Meeting 2000, Toronto, Ontario.
7. Little SH, S Menawat, M Worzniak. Wound care service run by family medicine residents. 31<sup>st</sup> Annual Michigan Family Medicine Research Day Conference. 5/2008
8. Miyazaki K, Fetters M, Motohara S, Arató N, Little S. Cultural acceptability of group visits to Japanese women in the United States. 34<sup>th</sup> Annual Michigan Family Medicine Research Day Conference. 5/2011
9. Miyazaki K, Fetters M, Motohara S, Arató N, Little S. Cultural acceptability of group visits to Japanese women in the United States. STFM annual conference 4/2011.
10. Little S. Tsunami relief effort in Eastern Japan, 2011. AAFP Family Medicine Global Health Workshop. 10/2011.
11. Little S, Motohara S, Arató N, Miyazaki K, Osaki-Wurtz H, Fetters M. Experience developing, implementing, and evaluating a family medicine-based prenatal group visit program for Japanese women: Implication from a mixed methods analysis for the case of patient populations with limited English proficiency. The 35<sup>th</sup> Annual Michigan Family Medicine Research Day Conference. 5/2012
12. Little SH, Miyasaki K, and Fetters MD. Starting a prenatal group visit program for culturally diverse populations-lessons learned from implementing a Japanese prenatal group visit program-. 47<sup>th</sup> STFM annual conference 5/2014.
13. Little SH, Menawat S, and Worzniak M. Teaching Wound Care to Family Medicine Residents on a Wound Care Service. 47<sup>th</sup> STFM annual conference 5/2014.
14. Kelley S, Little SH, and Rooney D. Independent learning curriculum with video capture of suturing skills for Family Medicine residents. Health Professions Education Day, University of Michigan 4/2019.
15. Little SH, Kelley S, and Rooney D. Independent learning curriculum with video capture of suturing skills for Family Medicine residents. STFM annual spring conference 4/2019.