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**ALBERT L. HSU, M.D., M.S.**  
Reproductive Endocrinology and Infertility

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**Education:**

- 7/2011 – 6/2014 Fellowship in Reproductive Endocrinology and Infertility  
Jones Institute for Reproductive Medicine  
Eastern Virginia Medical School; Norfolk, VA
- 7/2009 – 6/2011 Postdoctoral Research Fellowship  
Program in Reproductive and Adult Endocrinology  
NIH/NICHD; Bethesda, MD
- 6/2005 – 6/2009 Residency in Obstetrics and Gynecology  
Tufts-Baystate Medical Center; Springfield, MA
- 7/1996 – 6/2005 M.D., M.S. in Biology (was in combined MD/PhD program)  
Albert Einstein College of Medicine; Bronx, NY
- 8/1992 – 6/1996 B.S. in Materials Science and Engineering  
Massachusetts Institute of Technology; Cambridge, MA

**Employment:**

- 12/2017-present Assistant Professor, Division of Reproductive Endocrinology and Infertility,  
Department of Obstetrics and Gynecology, University of Missouri – Columbia;  
Columbia, MO
- 7/2014-5/2017 Assistant Professor, Division of Reproductive Endocrinology and Infertility,  
Department of Obstetrics and Gynecology, Dartmouth-Hitchcock Medical  
Center (DHMC) and Geisel School of Medicine at Dartmouth; Lebanon, NH
- 10/09-6/2011 Attending Staff, George Washington University Medical Center; Department of  
Obstetrics and Gynecology; Washington, DC

**Licensure:** Missouri Medical License #2017035181 (issued 6/28/17, expires 1/31/21)

**Certification:** Board-certified (Ob/Gyn)  
Board-certified (Reproductive Endocrinology and Infertility)

## **Patient Advocacy Efforts: Campaigns**

- **COVID-19** (2020): I have been working closely with the Boone County Medical Society and Missouri State Medical Association to host weekly Zoom webinars on COVID-19 for our community physicians (with 26 webinars to date): <https://www.boonecountymedicalsociety.org/covid-19-resources.html>
  - o also advising a local med student / MPH student volunteer response to this pandemic (including lobbying for our state “shelter-in-place” order in Mar/Apr, and currently lobbying local county commissioners to deploy CARES Act funding to their local public health agencies: <https://www.omagdigital.com/publication/?m=11307&i=662366&p=18>)
- **Personhood** (2012): worked with ASRM, Resolve (an national infertility patient advocacy group), and others to successfully oppose H.B.1, a “Personhood” bill which would have criminalized in-vitro fertilization, contraception, and ectopic pregnancy management in the Commonwealth of Virginia
- **New York City Coalition for a Smoke-free City** (2002-2004): served on the Executive Council of the NYC Coalition for a Smoke-free City, working with the American Cancer Society and the Medical Society of the State of New York to pass Intro 256-A (Smokefree Workplaces Act of 2002), banning smoking in all bars, restaurants, nightclubs, billiard halls, and bingo parlors in New York City (passed December 2002) and New York State (passed March 2003)
- **SUNY Medical Student Executive Council** (2001-2003): organized medical students to lobby against mid-year and retroactive tuition increases at the SUNY public medical schools in New York
- **Asian American and Pacific Islander (AAPI) Health Initiative** (1999): led national effort by the American Pacific American Medical Student Association (APAMSA) to help successfully lobby for a White House Executive Order to establish the AAPI Health Initiative
- **CDC National Task Force on Hepatitis B Immunizations, Focus on Asians and Pacific Islanders** (1997-1999): organized medical students to establish programs to vaccinate middle-school children against Hepatitis B in New York, Boston and Chicago

## **Selected / Notable resolutions presented to AMA-House of Delegates (HOD):**

- **YPS** late resolution co-author (I-19): *Preserving Childcare at AMA Meetings*. Adopted by AMA-YPS at I-19, Adopted by AMA-HOD as AMA Policy G-600.115, I-19.
- **YPS** resolution author (A-19): *Public Health Impacts and Unintended Consequences of Legalization and Decriminalization of Cannabis for Medicinal and Recreational Use*. Adopted by AMA-YPS at A-19, Adopted by AMA-HOD as AMA Policy D-405.980, A-19
- **YPS** resolution author (I-18): *Peer Support Groups for Second Victims*. Adopted by AMA-YPS at I-18, Adopted by AMA-HOD as AMA Policy D-405.980, A-19
- **YPS** resolution author (I-18): *White House Initiative on Asian Americans and Pacific Islanders*. Adopted by AMA-YPS at I-18; Adopted by AMA-HOD as AMA Policy H-350.954 “Disaggregation of Demographic Data Within Ethnic Groups”
- **YPS** late resolution co-author (I-17): *Giving Rights to Ectopic Pregnancies*. Adopted by AMA-YPS at I-17, Adopted as AMA Policy H-140.835 “Political Interference in the Patient-Physician Relationship,” I-17
- **YPS** resolution co-author (I-15): *Parity in Reproductive Health Insurance Coverage for Same-Sex Couples*. Passed by AMA-YPS at I-15; adopted as AMA policy H-185.926 “Reproductive Health Insurance Coverage,” I-16.
- **YPS** Resolution author (I-15): *Transgenerational Effects of Environmental Toxins on Reproductive Health*. Adopted by AMA-YPS at I-15, Adopted by AMA-HOD as AMA Policy H-135.926, A-16.
- **YPS** Resolution co-author (A-15): *Infertility Benefits for Veterans*. Adopted by AMA-YPS at A-15, Addressed in CMS Report 01 and passed as AMA Policy H-510.984, I-16.

- Resolution author (A-14): ***Infertility and Fertility Preservation Insurance Coverage***. Adopted by AMA-RFS at A-14, Adopted by AMA-HOD as AMA Policy H-185.990, I-14.
- Resolution author (A-12): ***Opposition to Criminalization of Reproductive Decision-Making***. Adopted by AMA-RFS at A-12, Reaffirmed by AMA-HOD, I-12.
- Resolution co-author (A-07): ***Opposition to Criminalization of Medical Care Provided to Undocumented Immigrant Patients***. Adopted by AMA-HOD as AMA Policy H-440.876, A-07.
- Resolution co-author (A-07): ***Reauthorization of the Indian Health Care Improvement Act***. Adopted by AMA-HOD as AMA Policy H-350.962, A-07.
- Resolution co-author (A-07): ***Assessing the Health Care Proposals of the US Presidential Candidates***. Referred to AMA Board of Trustees for Decision, A-07; featured on AMA website.
- Resolution co-author (A-03): ***State-Based Demonstration Projects of our AMA Plan for Reform to Expand Health Care Coverage to the Uninsured***. Adopted as AMA Policy D-165.968, I-03.
- Resolution co-author (A-03): ***Injunctive Relief Against Mid-Year and Retroactive Medical School Tuition Increases***. Adopted by HOD as AMA policy D-305.985, A-03.
- Resolution co-author (A-03): ***Building AMA-MSS Membership through Promotion of AMPAC and State Medical PACs***. Adopted by HOD as AMA policy D-640.995, A-03.
- Resolution co-author (I-02): ***Launching a Multi-State Smokefree Workplaces Campaign in 2003***. Adopted by HOD as AMA policy H-505.966 and D-505.966, I-02.
- Resolution co-author (A-02): ***Recognizing Spouse and Dependent Care Expenses in Determining Medical Education Financial Aid***. Adopted by HOD as AMA policy D-305.986, I-02.
- Resolution co-author (A-02): ***Reauthorization and Reversal of Proposed Funding Cuts to Title VII, Title VIII, and the Children’s Hospital’s GME Programs***. Adopted by HOD as AMA policy D-305.989, A-02.
- Late Resolution co-author (I-01): ***Mid-Year and Retroactive Medical School Tuition Increases***. Adopted by HOD as AMA policy D-295.978, I-01.
- Resolution co-author (A-01): ***Removal of the Income Threshold for the Interest Deductibility of Educational Loans***. Reaffirmed by the House of Delegates, I-01.
- Resolution co-author (I-99): ***Support of the White House Initiative on Asian Americans and Pacific Islanders***. Adopted by HOD as AMA policy H-350.966, A-00.

### Leadership Positions:

2020	<b>President-elect</b> , Boone County Medical Society (BCMS)
2019-present	<b>Delegate</b> to the AMA House of Delegates, for the American Society for Reproductive Medicine (ASRM)
2019-present	Executive Committee, AMA Forum for Medical Affairs
2019-present	Board member, Boone County Medical Society
2019-present	Member, “ForYOU” Peer Support Group at University of Missouri Health Care
2018-present	<b>Member</b> , Missouri ACOG Section Advisory Council
2018-present	MIT Educational Council (interviewing high school students interested in MIT)
2018-2019	<b>Chair</b> , Missouri State Medical Society – Young Physicians Section
2015-2017	<b>Executive Council</b> , New Hampshire Medical Society
2012-2013	Resident and Fellow Sectional <b>Delegate</b> to AMA House of Delegates, for ASRM
2012-2013	<b>Resident Director</b> , Medical Society of Virginia Political Action Committee
2007	Resident and Fellow Sectional <b>Delegate</b> to AMA House of Delegates, for ACOG
2005-2008	Resident member, AMA Minority Affairs Consortium <b>Governing Council</b>
2005, 2007	Selection committee, AMA Foundation Minority Scholars Awards
2004-2005	<b>Chair</b> , Medical Society of the State of New York – Medical Student Section
2002-2005	Steering Committee, New York City Coalition for a Smoke-free City

- 2003 Medical Student Regional **Delegate** to AMA House of Delegates, Region 7  
2001-2002 Medical student member, **AMA Council on Constitution and Bylaws**  
1998-1999 **National President**, Asian Pacific American Medical Student Association  
1997-1999 CDC National Task Force on Hep B Immunizations, Focus on Asians & Pacific Islanders  
1997 Co-founder, Albert Einstein College of Medicine Hepatitis B Vaccination Project  
1994-1996 **Certified Mediator**, Commonwealth of Massachusetts, MIT

#### **Honors and Awards:**

- 2019 Recipient, NIH Loan Repayment Program Grant  
2017 “Top Doc” in Reproductive Endocrinology and Infertility, New Hampshire Magazine  
2013 First Prize, poster session, Eastern Virginia Medical School Research Symposium  
2009 Endometriosis Association Young Investigator Travel Grant  
2008 Ronald Burkman Departmental Research Award  
2007 & 2008 Accomplished Teaching Citation, Tufts University  
2007 Berlex-Resident Teaching Award, Tufts-Baystate Medical Center, Dept of Ob/Gyn  
1996 Medical Scientist Training Program, Albert Einstein College of Medicine  
1996 William Stewart Jr Award for Community Service, MIT  
1994 Howard Hughes Undergraduate Summer Research Scholarship

#### **Professional Organizations:**

- 2017-present **Missouri State Medical Association**  
2017-present Boone County Medical Society  
2014-2018 **New Hampshire Medical Society**  
2014-2017 New England Fertility Society (NEFS)  
2011-2014 **Medical Society of Virginia**  
2008-present Endometriosis Association  
2007-present Society for Reproductive Investigation (SRI) / Society for Gynecologic Investigation  
2006-present **American Society of Reproductive Medicine (ASRM)**  
2005-present American College of Obstetricians and Gynecologists (ACOG)  
2005-2009 Massachusetts Medical Society  
1999-2005 Medical Society of the State of New York  
1999-present American Medical Association (AMA)  
1996 Sigma Xi Honorary Society  
1996 Alpha Sigma Mu (Materials Science Professional Honor Society)

#### **Peer-Reviewed Publications:**

- Hsu AL**, Finlinson A, Warncke K. “Mechanisms by Which SARS-CoV-2 May Impact Male Fertility.” *Reproductive Sciences*. 2020 Oct 6; doi: 10.1007/s43032-020-00304-5. PubMed PMID: 33025529;  
Rodriguez C, Morris C, **Hsu AL**. “Pediatric Care in the Age of COVID-19.” *Pediatr Ann*. 2020; 49(9):e403-e404. (PMID 32929516)  
**Hsu AL**, Guan M, Johannesen E, et al. Placental SARS-CoV-2 in a Pregnant Woman with Mild COVID-19 Disease [published online ahead of print, 2020 Aug 4]. *J Med Virol*. 2020;10.1002/jmv.26386. doi:10.1002/jmv.26386 (PMID 32749712)  
Sampson C, Zguta A, **Hsu AL**. “COVID-19 response in mid-Missouri.” *Mo Med*. 2020 May-Jun; 117(3):180-183, at: <https://www.omagdigital.com/publication/?m=11307&i=662366&p=18> (PMID 32636541)

- Zagadailov P, Seifer DB, Shan H, Zarek SM, **Hsu AL**. Do state insurance mandates alter ICSI utilization? *Reprod Biol Endocrinol*. 18 (1): 33, 2020 (PMID 32334609)
- Zagadailov P, **Hsu AL**, Stern JE, Seifer DB. Temporal differences in utilization of intracytoplasmic sperm injection among U.S. Regions. *Obstet Gynecol*. 132 (2): 310-320, 2018
- Hsu AL**, Kohli N. “Young Physician Leaders Represent MSMA at AMA.” *Mo Med*. 2018 Nov-Dec; 115(6): 505. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6312151/>
- Hsu AL**, Kohli N. “YPS Report: The Role of Private Equity in Medicine.” *Mo Med*. 2018 Jul-Aug; 115(4): 333. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6140252/>
- Hsu AL**. “The Case for Organized Medicine: Why You Should Get Involved.” *Mo Med*. 2018 May-Jun; 115(3): 201. <https://pubmed.ncbi.nlm.nih.gov/30228720/>
- Zagadailov P, **Hsu AL**, Seifer DB, Stern JE. Differences in utilization of intracytoplasmic sperm injection (ICSI) within human services (HHS) regions and metropolitan megaregions in the U.S. *Reproductive Biology and Endocrinology*. 15 (1): 45, 2017
- Hsu AL**, Townsend PM, Castora FJ, Oehninger S. Endometriosis may be associated with mitochondrial dysfunction in cumulus cells from subjects undergoing IVF-ICSI, as reflected by decreased ATP production. *Fertility and Sterility*. 103 (2): 347-352, 2015
- Hsu AL**, Sinaii N, Segars J, Nieman L, Stratton P. Relating Pelvic Pain Location to Surgical Findings of Endometriosis. *Obstetrics and Gynecology*. 118 (2 Pt 1): 223-30, 2011
- Hsu AL**, Army M, Knee A, Bell C, Cook E, Novak A, Grow D. Antral Follicle Count (AFC) in Clinical Practice: Analyzing Clinical Relevance. *Fertility and Sterility*. 95 (2): 474-479, 2011
- Hsu AL**, Grow D. Author’s response for “antral follicle count in clinical practice: analyzing clinical relevance.” *Fertility and Sterility*. 95 (2): 482-483, 2011
- Hsu AL**, Khachikyan I, Stratton P. Invasive and non-invasive methods for the diagnosis of endometriosis. *Clinical Obstetrics and Gynecology*. 53 (2): 413-419, 2010
- Hsu, AL**. Asian Pacific American Medical Student Association’s Work in Hepatitis B Vaccinations. *Asian American Pacific Islander Journal of Health*. 6 (2): 225, 1998
- Lafaille JJ, Keere FV, **Hsu AL**, Baron JL, Haas W, Raine CS, and Tonegawa S. “Myelin basic protein-specific T helper 2 (Th2) cells cause experimental autoimmune encephalomyelitis in immunodeficient hosts rather than protect them from the disease.” *Journal of Experimental Medicine*. 186 (2): 307-312, 1997

Complete List of Published Work in MyBibliography: <https://www.ncbi.nlm.nih.gov/myncbi/albert.hsu.1/bibliography/public/>

### Abstracts and Presentations:

- Kagan N, **Hsu AL**. “Fertility Treatments in the Age of COVID-19: what we know and don’t know.” *MedPageToday*. 2020 Apr 17; <https://www.medpagetoday.com/infectiousdisease/covid19/86019>
- Townsley S, Wagner A, **Hsu AL**. “COVID-19 as Viewed by a Vanderbilt Trauma Surgeon.” *MedPageToday*. 2020 May 11; <https://www.medpagetoday.com/emergencymedicine/emergencymedicine/86422>
- Bollig KJ, Woldu HG, Stern JE, **Hsu AL**. “Decreased Clinical Pregnancy and Live Birth Rates in Women with Endometriosis, in the ‘eIVF’ Database.” Poster presentation (poster #540) at the 2019 annual meeting of the American Society for Reproductive Medicine, Philadelphia, PA.
- Bollig KJ, Drobnis EZ, Stern JE, **Hsu AL**. “Endometriosis-Associated Infertility in the ‘eIVF’ database.” Poster presentation (abstract #1872) at the 2018 annual meeting of the American Society for Reproductive Medicine, Denver CO.
- Hsu AL**. “Frontiers in Endometriosis Research.” Ob/Gyn Grand Rounds presentations, University of Missouri, 3 August 2018; Baystate Medical Center, 28 April 2016; Elliott Hospital, 17 April 2015; Southern New Hampshire Medical Center, 3 March 2015; Dartmouth-Hitchcock Medical Center, 18 Apr 2014; Eastern Virginia Medical School, 9 Jan 2014; George Washington University Medical Center, 26 Jan 2011

- Hsu AL**, Couture SR, Titus AJ, Perry AE, Stern JE. “Endometriosis-Associated Infertility at Dartmouth-Hitchcock Medical Center, and in the ‘eIVF’ database.” Poster presentation (abstract #264) at the 2017 World Congress on Endometriosis; Vancouver Canada
- Hsu AL**, Couture SR, Titus AJ, Stern JE. “Endometriosis-Associated Infertility in the ‘eIVF’ database.” Poster presentation at the 2017 Annual Meeting of the New England Fertility Society (NEFS); Ogunquit, ME
- Hsu AL**, Birdsall PM, Oehninger S, Castora FJ. Does Endometriosis Cause Mitochondrial Dysfunction in Cumulus Cells? An IVF study. Poster presentation (abstract #P-770) at 2013 annual meeting of the American Society for Reproductive Medicine, Boston MA. Poster also presented at 2013 Poster Symposium at American Medical Association, National Harbor MD
- Hsu AL**, Caverzagie K. “Educational Debt and Specialty Choice.” *AMA Journal of Ethics – Virtual Mentor*. 15:615-619, 2013. <https://journalofethics.ama-assn.org/article/educational-debt-and-specialty-choice/2013-07>
- Hsu AL**. “Endometriosis: A Hidden Cause of Infertility and Pain” in the Jones Journal, Fall 2012
- Hsu AL**. “Endometriosis and Infertility” in *Infertility: Management and Treatment*, New Delhi: Jaypee Brothers Medical Publishers, 2012
- Hsu AL**, Quezado M, Raffeld M, Sinaii N, Segars J, Stratton P. Nerve Fibers in the Eutopic Endometrium of Endometriosis Patients Do Not Correlate with Pain. Poster presentation (abstract #P1-178) at the 11<sup>th</sup> World Congress on Endometriosis, Montpellier France, Sep 2011
- Hsu AL**, Sinaii N, Segars J, Nieman L, Stratton P. Relating Pelvic Pain Location with Surgical Findings of Endometriosis. Poster presentation (abstract #96) at the 2010 annual meeting of the Society for Gynecologic Investigation (SGI), Orlando FL
- Gemmill J, Sinaii N, **Hsu AL**, Segars J, Stratton P. Intraperitoneal Bupivacaine for Pain Relief After Operative Laparoscopy. Poster presentation (abstract #91) at the 2010 annual SGI meeting
- Hsu AL**, Novak A, Arny M, Grow D. Antral Follicle Count in Clinical Practice: Analyzing Clinical Relevance. Oral presentation (O-283) at the 2008 annual meeting of the American Society for Reproductive Medicine (ASRM), San Francisco CA
- Hsu AL**, Bell C, Burkman R, and Grow DR. Hysterectomy After Endometrial Ablation: Failure of a Bridge To Menopause. Poster presentation (P-257) at the 2007 ASRM meeting, Washington DC. Poster also presented at the 2008 New England Fertility Society annual meeting, Woodstock VT
- Hsu AL**, Bell C, Burkman R, and Grow DR. Pathologic Features Following Failed Endometrial Ablation. Poster presentation (abstract #331) at the 2007 annual SGI meeting, Reno NV, 2007
- Hsu AL**, et al. Enacting Smokefree Workplaces in New York City (NY), Suffolk County (NY) & Florida. Poster presentation at 2003 American Medical Student Association meeting, Washington DC
- Grow D, **Hsu AL**. Endometriosis, Part 2: Surgery for Symptom Relief and Infertility. *The Female Patient*. 31 (12): 54-58, 2006
- Grow D, **Hsu AL**. Endometriosis, Part 1: Clinical Diagnosis and Analgesia. *The Female Patient*. 31 (11): 62-68, 2006
- Hsu AL**, and Kalpana G. INI-1 Exhibits Cell Cycle-Dependent Nuclear Export Briefly Before Prophase. Poster presentation, Albert Einstein College of Medicine (New York, NY), 2003
- Hsu AL**, Craig E, Zhang Z, and Kalpana G. The Role of INI-1 Nuclear Export Properties in Cellular Function. Poster presentation, Albert Einstein College of Medicine (New York, NY), 2001

## Research Grants and Awards

**2019 NIH Loan Repayment Program grant:** “Mitochondrial dysfunction in women with endometriosis – novel possibilities for etiology and treatment.”

**2016 ASRM Research Grant:** “Mitochondrial Dysfunction in Women with Endometriosis – Novel Possibilities for Etiology and Treatment”

**2016 New England Fertility Society (NEFS)/Practice Highway Research Grant:**  
“Fertilization, implantation, pregnancy and live birth rates in women with and without endometriosis.”

**University of Missouri Institutional Review Board (IRB)-approved Research Projects:**

COVID-19 in Pregnancy, Project #2022984: IRB-approved 5/6/20 (co-PI: Albert Hsu).

Pilot Study of Breastfeeding and COVID-19, Project #2023043: IRB-approved 5/7/20 (co-PI: Albert Hsu).

Identification of robust molecular markers measuring the immune responses against vaccination and infection of COVID-19 and influenza viruses, Project #2018404: IRB-approved 4/13/20 (PI: Dr. Henry Wan).

Mitochondrial Dysfunction in Endometriosis among Gynecologic Patients, Project #2017103: IRB approved 11/18/19 (PI: Albert Hsu)

Endometriosis-Associated Infertility in the “eIVF” Database, Project #2010857: IRB-exempt; approved 3/27/18 (PI: Albert Hsu)

Analysis of the Efficacy of Vitamin D Treatment in a Cohort of Infertility Patients, Project #2013710: IRB-exempt; approved 3/5/19 (PI: Albert Hsu)

The Use of Discarded (nonviable) Human Granulosa Cells to Seek Evidence of Mitochondrial Dysfunction in Endometriosis, Project #2011612: IRB approved 7/25/18 (PI: Albert Hsu)

Testicular dysgenesis syndrome in mid-Missouri, Project #2016690: IRB-approved, 9/27/2019 (co-PI: Albert Hsu)

The Direct and Indirect Costs of Multigestations after Infertility Treatment, Project #2012425: IRB approved 9/13/18 (PI: Albert Hsu)

**Prior Research Experience**

CUMULUS CELL MITOCHONDRIAL DYSFUNCTION IN SUBJECTS WITH ENDOMETRIOSIS UNDERGOING IVF  
Reproductive Endocrinology and Infertility Fellowship Thesis, Jones Institute for Reproductive Medicine, Eastern Virginia Medical School (EVMS). IRB approvals #06-04-EX-0130 and #13-04-EX-0110. Drs. Frank Castora, Sergio Oehninger, 2011-2014

NERVE FIBERS IN ENDOMETRIOSIS

Postdoctoral Research Fellow, NICHD/NIH: Immunohistochemistry for nerve fibers in suspected endometriomas, peritoneal endometriosis lesions, endometrial biopsies in patients with chronic pelvic pain. Drs. Pamela Stratton, James Segars, Alan DeCherney, 2009-2011

HYSTERECTOMY AFTER ENDOMETRIAL ABLATION

Resident Research Project, Tufts-Baystate Medical Center: retrospective medical record review to study different techniques of endometrial ablation, reviewing patient characteristics, uterine retention, and histopathology. IRB approval #07-137. Dr. Daniel Grow, 2006-2009

CELL CYCLE-DEPENDENT NUCLEAR EXPORT OF A CELLULAR PROTEIN THAT INTERACTS WITH HIV INTEGRASE

Research Assistant, Department of Molecular Genetics, Albert Einstein College of Medicine: Cell Cycle, Transcription Regulation, and HIV research. Dr. Ganjam Kalpana, 1999-2002

IMMUNOHISTOCHEMISTRY AND PATHOLOGY ANALYSIS OF A MOUSE MODEL FOR MULTIPLE SCLEROSIS.

Research Assistant, Department of Pathology, Albert Einstein College of Medicine: Multiple Sclerosis research. Dr. Cedric Raine, 1996-1998

EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS AS A MOUSE MODEL FOR MULTIPLE SCLEROSIS.

Research Assistant, Department of Pathology, Massachusetts Institute of Technology: Multiple Sclerosis research. Dr. Susumu Tonegawa, 1994-1996

PUTATIVE STEM CELLS IN HUMAN CORD BLOOD FOR XENOGRAFTS

Research Assistant, Department of Pathology, Johns Hopkins Hospital: Transplantation research. Dr. William Beschoner, 1992-1993

### **Teaching Responsibilities:**

2011-2014 Clinical Instructor, Eastern Virginia Medical School  
2009-2011 Clinical Instructor, George Washington University School of Medicine  
2005-2009 Clinical Associate, Obstetrics and Gynecology, Tufts University School of Medicine  
1995-1996 Teaching Assistant, Organic Chemistry (5.12), MIT  
1996 Co-founder and student teacher, Project Negotiation: a student-taught course, MIT

### **Hospital Committees:**

2005-2009 Hospital Pharmacy and Therapeutics Committee, Baystate Medical Center  
2006-2008 Departmental Interview/Admissions Committee, Baystate Medical Center

### **Meeting Attendance:**

American Society for Reproductive Medicine (ASRM): 2020, 2019, 2018, 2017, 2016, 2015, 2014, 2013, 2012, 2010, 2009, 2008, 2007, 2005  
Society for Reproductive Investigation (SRI, aka SGI): 2018, 2016, 2015, 2013, 2012, 2011, 2010, 2007  
Best of ASRM and ESHRE: 2019, 2015  
American Medical Association House of Delegates: 2019, '18, '17, '15, '14, '13, '12, 2008, '07  
Midwestern Reproductive Symposium International: 2019, 2018, 2017  
World Congress on Endometriosis: 2017, 2011  
New England Fertility Society: 2017, 2016, 2015, 2014, 2008, 2007  
International Pelvic Pain Society: 2017  
Frontiers in Reproductive Endocrinology: 2019, 2017, 2013, 2011, 2007  
NICHD/ASRM joint workshops: "Advancing Science and Practice to Improve Access to Reproductive Care" in 2016, "New Frontiers in Fertility Preservation Research: Considering the Broader Implications" in 2015  
RESOLVE New England conference: 2015  
Dartmouth "Synergy" Grant-Writing Workshops: 3/23/15, 4/21/15, 7/21/15  
Society for Reproductive Endocrinology and Infertility, fellows retreat: 2013, 2011  
NICHD Young Investigator Conference, Maternal-Fetal-Neonatal-Reproductive Medicine: 2012  
American College of Obstetricians and Gynecologists: 2008  
American Medical Political Action Committee (AMPAC) Campaign School: 2005

### **Biographical Data:**

Wife: Tracy L. Martino-Hsu, Family Nurse Practitioner  
Children: ages 19, 17, 9 and 7 years old  
Hobbies: playing and coaching ultimate frisbee (pre-COVID); history & current events; reading; playing piano

*References available upon request*