

Curriculum Vitae

Last Updated: 09/14/2016

PERSONAL DATA

Name: Aaron M. Secrest
Citizenship: United States

EDUCATION

<u>Years</u>	<u>Degree</u>	<u>Institution (Area of Study)</u>
1997 - 2003	B.S.	Brigham Young University (Major: Microbiology: Minors: Asian Studies, Business Management) Provo, UT
2004 - 2012	M.D.	University of Pittsburgh (Medicine) Pittsburgh, PA
2006 - 2008	M.P.H.	University of Pittsburgh (Epidemiology) Pittsburgh, PA
2006 - 2010	Ph.D.	University of Pittsburgh (Epidemiology) Pittsburgh, PA
2012 - 2013	Intern/Resident	Cincinnati Children's Hospital Medical Center (Pediatrics) Cincinnati, OH
2013 - 2015	Resident	University of Utah School of Medicine (Dermatology) Salt Lake City, UT
2015 - 2016	Chief Resident	University of Utah School of Medicine (Dermatology) Salt Lake City, UT

BOARD CERTIFICATIONS

09/02/2016 American Board of Dermatology, Diplomate

CURRENT LICENSES/CERTIFICATIONS

2004 - 2018 Basic Life Support

ACADEMIC HISTORY

Dermatology

07/01/2016 - Present Hire, Tenure Track, Instructor

PROFESSIONAL EXPERIENCE

Part-Time Positions

2002 - 2004 Editor's Assistant, Journal of Inclusion Phenomena and Macrocyclic Chemistry, Provo, UT

Reviewer Experience

Reviewer for JAMA Dermatology, Annals of Epidemiology, Diabetologia

SCHOLASTIC HONORS

1995	Eagle Scout, Boy Scouts of America
1997 - 2003	Heritage Scholarship (4-year full-tuition), Brigham Young University, Provo, UT
2003	Undergraduate Research Scholarship (\$1,500 for macular degeneration research), Brigham Young University, Provo, UT
2003	Graduated cum laude, B.S. in Microbiology, Brigham Young University, Provo, UT
2011	Best Doctoral Dissertation, Department of Epidemiology, University of Pittsburgh, Pittsburgh, PA
2011	Dr. and Mrs. S. Sutton Hamilton MSTP Scholar Award, University of Pittsburgh, Pittsburgh, PA
2011	Watson Humanism Honor Society Inductee, School of Medicine, University of Pittsburgh, Pittsburgh, PA
2011	Outstanding Student Award, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA

- 2011 Outstanding Student Award, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA
- 2012 Bernhard A. Goldmann Prize in Dermatology, School of Medicine, University of Pittsburgh, Pittsburgh, PA
- 2016 Resident of Distinction, Winter Clinical Dermatology Conference, University of Utah, Hawaii
- 2016 Best Poster by a Trainee, American Dermatoepidemiology Network, 75th Society for Investigative Dermatology Annual Meeting, Scottsdale, AZ

ADMINISTRATIVE EXPERIENCE

Professional Organization & Scientific Activities

- 2016 - 2017 Task Force Member, American Academy of Dermatology, Drug Pricing and Transparency Task Force

PROFESSIONAL COMMUNITY ACTIVITIES

- 2007 - 2010 Co-Treasurer, Pittsburgh Toy Lending Library, Pittsburgh, PA
- 2013 - 2014 Leader, Boy Scouts of America, Webelos Cub Scout Troop 3401, Salt Lake City, UT

UNIVERSITY COMMUNITY ACTIVITIES

Department Level

- 2013 - 2016 Housestaff, Dermatology, Residency Training Program
- 2014 - 2015 Committee Member, Dermatology, Resident Selection Committee
- 2015 - 2016 Committee Member, Dermatology, Program Evaluation Committee
- 2016 - Present Committee Member, Dermatology, Marketing Committee
- 2016 - Present Committee Member, Dermatology, Clinical/Cost Containment Committee
- 2016 - Present Chair, Dermatology, Patient Outcomes Committee

SERVICE AT PREVIOUS INSTITUTIONS

- 2007 - 2010 Committee Member, University of Pittsburgh, Department of Epidemiology, Curriculum Committee
- 2008 - 2009 Committee Member, University of Pittsburgh, Medical Scientist Training Program, Selection Committee
- 2008 - 2009 Chair, University of Pittsburgh, Medical Scientist Training Program, Seminar Committee
- 2009 - 2010 Committee Member, University of Pittsburgh, Graduate School of Public Health, Planning/Budget Policies Committee
- 2012 - 2013 Housestaff, Cincinnati Children's Hospital Medical Center, Pediatric Residency Training Program Preliminary Year

CURRENT MEMBERSHIPS IN PROFESSIONAL SOCIETIES

- American Academy of Dermatology
- American Medical Association
- American Society for Dermatologic Surgery
- Delta Omega: Omicron Chapter
- Intermountain Dermatology Society
- Society for Pediatric Dermatology
- Utah Dermatology Society
- Utah Medical Association

FUNDING

Past Grants

- 07/01/08 - 06/30/12 Mortality and Long-term Morbidity in a Population-based Type 1 Diabetes Cohort
Principal Investigator: Aaron M. Secrest
Direct Costs: \$176,500 Total Costs: \$176,500
National Institute of Diabetes and Digestive and Kidney Diseases
Role: Principal Investigator

TEACHING RESPONSIBILITIES/ASSIGNMENTS

PEER-REVIEWED JOURNAL ARTICLES

1. Warburton S, Southwick K, Hardman RM, **Secrest AM**, Grow RK, Xin H, Woolley AT, Burton GF, Thulin CD (2005). Examining the proteins of functional retinal lipofuscin using proteomic analysis as a guide for understanding its origin. *Mol Vis*, 11, 1122-34.
2. Song Y, Chan JM, Tovian Z, **Secrest A**, Nagy E, Krysiak K, Bergan K, Parniak MA, Oldfield E (2008). Bisphosphonate inhibitors of ATP-mediated HIV-1 reverse transcriptase catalyzed excision of chain-terminating 3'-azido, 3'-deoxythymidine: a QSAR investigation. *Bioorg Med Chem*, 16(19), 8959-67.
3. Prince CT, **Secrest AM**, Mackey RH, Arena VC, Kingsley LA, Orchard TJ (2010). Cardiovascular autonomic neuropathy, HDL cholesterol, and smoking correlate with arterial stiffness markers determined 18 years later in type 1 diabetes. *Diabetes Care*, 33(3), 652-7.
4. Prince CT, **Secrest AM**, Mackey RH, Arena VC, Kingsley LA, Orchard TJ (2010). Augmentation pressure and subendocardial viability ratio are associated with microalbuminuria and with poor renal function in type 1 diabetes. *Diab Vasc Dis Res*, 7(3), 216-24.
5. Shay CM, **Secrest AM**, Goodpaster BH, Kelsey SF, Strotmeyer ES, Orchard TJ (2010). Regional adiposity and risk for coronary artery disease in type 1 diabetes: does having greater amounts of gluteal-femoral adiposity lower the risk? *Diabetes Res Clin Pract*, 89(3), 288-95.
6. Andrulonis R, **Secrest AM**, McGuire ST, Geskin LJ, Ferris LK (2010). The influence of age and sex on reasons for seeking and expected benefits of skin cancer screening. *Arch Dermatol*, 146(10), 1097-102.
7. Orchard TJ, **Secrest AM**, Miller RG, Costacou T (2010). In the absence of renal disease, 20 year mortality risk in type 1 diabetes is comparable to that of the general population: a report from the Pittsburgh Epidemiology of Diabetes Complications Study. *Diabetologia*, 53(11), 2312-9.
8. Prince CT, **Secrest AM**, Mackey RH, Arena VC, Kingsley LA, Orchard TJ (2010). Pulse wave analysis and prevalent cardiovascular disease in type 1 diabetes. *Atherosclerosis*, 213(2), 469-74.
9. **Secrest AM**, Becker DJ, Kelsey SF, LaPorte RE, Orchard TJ (2010). All-cause mortality trends in a large population-based cohort with long-standing childhood-onset type 1 diabetes: the Allegheny County type 1 diabetes registry. *Diabetes Care*, 33(12), 2573-9.
10. **Secrest AM**, Becker DJ, Kelsey SF, Laporte RE, Orchard TJ (2010). Cause-specific mortality trends in a large population-based cohort with long-standing childhood-onset type 1 diabetes. *Diabetes*, 59(12), 3216-22.
11. **Secrest AM**, Becker DJ, Kelsey SF, Laporte RE, Orchard TJ (2011). Characterizing sudden death and dead-in-bed syndrome in Type 1 diabetes: analysis from two childhood-onset Type 1 diabetes registries. *Diabetic Medicine Online*, 28(3), 293-300.
12. **Secrest AM**, Costacou T, Gutelius B, Miller RG, Songer TJ, Orchard TJ (2011). Associations between socioeconomic status and major complications in type 1 diabetes: the Pittsburgh epidemiology of diabetes complication (EDC) Study. *Ann Epidemiol*, 21(5), 374-81.
13. **Secrest AM**, Costacou T, Gutelius B, Miller RG, Songer TJ, Orchard TJ (2011). Association of socioeconomic status with mortality in type 1 diabetes: the Pittsburgh epidemiology of diabetes complications study. *Ann Epidemiol*, 21(5), 367-73.
14. McGuire ST, **Secrest AM**, Andrulonis R, Ferris LK (2011). Surveillance of patients for early detection of melanoma: patterns in dermatologist vs patient discovery. *Arch Dermatol*, 147(6), 673-8.
15. **Secrest AM**, Marshall SL, Miller RG, Prince CT, Orchard TJ (2011). Pulse wave analysis and cardiac autonomic neuropathy in type 1 diabetes: a report from the Pittsburgh Epidemiology of Diabetes Complications Study. *Diabetes Technol Ther*, 13(12), 1264-8.
16. Zeh HJ, Zureikat AH, **Secrest A**, Dauoudi M, Bartlett D, Moser AJ (2012). Outcomes after robot-assisted pancreaticoduodenectomy for periampullary lesions. *Ann Surg Oncol*, 19(3), 864-70.
17. Shay CM, **Secrest AM**, Miller RG, Strotmeyer ES, Goodpaster BH, Kelsey SF, Orchard TJ (2012). Femoral-gluteal adiposity is not associated with insulin sensitivity in type 1 diabetes. *Diabetic Medicine Online*, 29(11), 1407-11.
18. Miller RG, **Secrest AM**, Sharma RK, Songer TJ, Orchard TJ (2012). Improvements in the life expectancy of type 1 diabetes: the Pittsburgh Epidemiology of Diabetes Complications study cohort. *Diabetes*, 61(11), 2987-92.
19. **Secrest AM**, Prince CT, Costacou T, Miller RG, Orchard TJ (2013). Predictors of and survival after incident stroke in type 1 diabetes. *Diab Vasc Dis Res*, 10(1), 3-10.
20. Miller RG, **Secrest AM**, Ellis D, Becker DJ, Orchard TJ (2013). Changing impact of modifiable risk factors on the incidence of major outcomes of type 1 diabetes: the Pittsburgh Epidemiology of Diabetes Complications Study. *Diabetes Care*, 36(12), 3999-4006.

21. Washington RE, Orchard TJ, Arena VC, LaPorte RE, **Secrest AM**, Tull ES (2014). All-cause mortality in a population-based type 1 diabetes cohort in the U.S. Virgin Islands. *Diabetes Res Clin Pract*, 103(3), 504-9.
22. Costacou T, **Secrest AM**, Ferrell RE, Orchard TJ (2014). Haptoglobin genotype and cerebrovascular disease incidence in type 1 diabetes. *Diab Vasc Dis Res*, 11(5), 335-42.
23. **Secrest AM**, Matinzadeh A, Ferris LK (2014). Efficacy, Safety, and Out-of-pocket Costs are the Most Important Factors to Patients in Choosing a Psoriasis Therapy. *J Clin Aesthet Dermatol*, 7(12), 30-3.
24. Eyre ZW, **Secrest AM**, Woodcock JL (2016). Photo-induced drug eruption in a patient on combination simeprevir/sofosbuvir for hepatitis C. *JAAD Case Reports*, 2(3), 224-6.
25. Saluja SS, **Secrest AM**, Florell SR (2016). Acute Presentation of Tender Papules and Plaques in a Patient With Leukemia. *JAMA Dermatol*, 152(5), 571-2.
26. Houston NA, **Secrest AM**, Harris RJ, Mori WS, Eliason MJ, Phillips CM, Ferris LK (2016). Patient Preferences During Skin Cancer Screening Examination. LID - 10.1001/jamadermatol.2016.1005 [doi]. (Epub ahead of print) *JAMA Dermatol*.
27. Clark JJ, **Secrest AM**, Hull CM, Eliason MJ, Leiferman KM, Gleich GJ, Powell DL (2016). The effect of omalizumab dosing and frequency in chronic idiopathic urticaria: Retrospective chart review. *J Am Acad Dermatol*, 74(6), 1274-6.
28. Dean AM, **Secrest AM**, Powell DL (2016). Contact Urticaria From Occupational Exposure to Formaldehyde. *Dermatitis*, 27(4), 232.

REVIEW ARTICLES

1. Collins MK, **Secrest AM**, Ferris LK (2014). Screening for melanoma. [Review]. *Melanoma Res*, 24(5), 428-36.

OTHER (Commentary/Letters/Editorials/Case Reports/Video/Film)

Case Reports

1. **Secrest AM**, Shah KN (2013). Picture of the month. Hand-foot-and-mouth disease. *JAMA Pediatr*, 167(4), 387-8.

Letters

1. **Secrest AM**, Seethala RR, Ferris LK, Sam H (2011). Cutaneous apocrine carcinoma masquerading as head and neck cellulitis: an ominous sign [Letter to the editor]. *Arch Dermatol*, 147(11), 1335-7.
2. Elsensohn AN, Curtis JA, **Secrest AM**, Liaqat M, Florell SR, Duffy KL, Edholm K, Summers EM (2015). Alpha-1-antitrypsin deficiency panniculitis presenting with severe anasarca, pulmonary embolus and hypogammaglobulinaemia [Letter to the editor]. *Br J Dermatol*, 173(1), 289-91.

Other

1. **Secrest AM** (2014). Primary systemic amyloidosis – Race for the Case. *Directions in Residency Newsletter* (p. 6). American Academy of Dermatology.

PENDING PUBLICATIONS

Book Chapters

1. **Secrest AM**, Orchard TJ (In Press). Mortality in type 1 diabetes. In *Diabetes in America* (3rd). Bethesda, MD: National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases.

UNPUBLISHED POSTER PRESENTATIONS

1. Buckwalter MR, Jackson JJ, **Secrest AM**, Swigert JC, Murray BK, O'Neill KL (2002). *Thymidine kinase 1 promoter regulation may be controlled by oncogenic transcription factors*. Poster session presented at American Association for Cancer Research Annual Meeting, San Francisco, CA.
2. **Secrest AM**, Sorensen KD, Hardie CW, Secrest KM, Vuong LT, Murray BK, O'Neill KL (2003). *Comparative study of total antioxidant activity between the fruit Momordica cochinchinensis and its major carotenoid constituent*. Poster session presented at American Association for the Advancement of Science Annual Meeting, Denver, CO.
3. **Secrest AM**, Sorensen K, Warburton S, Howes K, Murray B, O'Neill K, Thulin CD (2003). *Age-related macular degeneration: lipofuscin-generated apoptosis of human retinal pigment epithelial cells*. Poster session presented at American Association for the Advancement of Science Annual Meeting, Denver, CO.
4. Warburton S, **Secrest AM**, Southwick K, Vollmer-Snarr H, Thulin CD (2003). *Proteins of retinal lipofuscin: insights on its origin and composition*. Poster session presented at 17th Symposium of the Protein Society, Boston, MA.

5. Buckwalter MR, Dance MP, **Secrest AM**, Sorensen KD, Murray BK, O'Neill KL (2003). *Exposure to a 60 Hz electromagnetic field increases Thymidine kinase activity in MCF-7 human breast cancer cells*. Poster session presented at American Association for Cancer Research Annual Meeting, Washington, D.C.
6. **Secrest AM**, Orchard TJ (2007). *Role of diabetes in the deaths of type 1 diabetic persons*. Poster session presented at 67th American Diabetes Association Scientific Sessions, Chicago, IL.
7. **Secrest AM**, Orchard TJ (2009). *Characterizing dead in bed syndrome in type 1 diabetes: the Pittsburgh EDC Study*. Poster session presented at 69th American Diabetes Association Scientific Session, New Orleans, LA.
8. Miller RG, **Secrest AM**, Orchard TJ (2010). *The impact of modifiable risk factors on the incidence of major outcomes of type 1 diabetes*. Poster session presented at 70th American Diabetes Association Scientific Sessions, Orlando, FL.
9. **Secrest AM**, Miller RG, Orchard TJ (2010). *Mortality in T1D without renal disease is comparable to the general population*. Poster session presented at 70th American Diabetes Association Scientific Sessions, Orlando, FL.
10. Daouadi M, **Secrest AM**, Steel JL, Choudry MH, Magge DR, Zureikat AH, Bartlett DL, Lee KK, Moser AJ, Zeh HJ (2011). *Outcomes of minimally-invasive distal pancreatectomy: single institution comparison of robotic and laparoscopic methods*. Poster session presented at 45th Annual Pancreas Club Meeting, Chicago, IL.
11. Laux T, Lundblad W, **Secrest AM** (2012). *The cost is (never) right: using a game show format to teach third year medical students about the cost of being a patient*. Poster session presented at Gold Humanism Honor Society 5th Biennial Conference, Chicago, IL.
12. Houston NE, **Secrest AM**, Patton TJ, Harris RJ, Eliason, MJ, Phillips CM, Ferris LK (2016). *Patient preferences during total body skin cancer screening examination*. Poster session presented at 74th American Academy of Dermatology Annual Meeting, Washington, D.C.
13. Clark JJ, **Secrest AM**, Hull CM, Eliason MJ, Leiferman K, Gleich G, Powell DL (2016). *Effect of omalizumab dosing and frequency in chronic idiopathic urticaria*. Poster session presented at 74th American Academy of Dermatology Annual Meeting, Washington, D.C.
14. Varedi A, **Secrest AM**, Harding G, Maness L, Branson DM, Smith K, Hull CM (2016). *Comprehensive Outreach, Prevention Education, and Skin Cancer Screening for Utah Ski Resorts*. Poster session presented at 74th American Academy of Dermatology Annual Meeting, Washington, D.C..
15. **Secrest AM**, Andrulonis R, Ferris LK (2016). *Indoor tanning use among patients seeking skin cancer screening*. Poster session presented at 75th Society for Investigative Dermatology Annual Meeting, Scottsdale, AZ.

ORAL PRESENTATIONS

Meeting Presentations (Not Published Abstracts and Not Unpublished Posters)

International

- 2011 **Secrest AM**, Andrulonis R, McGuire ST, Ferris LK. Smarter skin cancer screening strategies. 22nd World Congress of Dermatology, Seoul, Korea

National

- 2008 **Secrest AM**, Prince CT, Orchard TJ. Predictors of incident stroke in type 1 diabetes: the Pittsburgh EDC Study. 68th American Diabetes Association Scientific Sessions, San Francisco, CA
- 2009 **Secrest AM**, Orchard TJ. Predictors of recurrence of hard coronary artery disease events in type 1 diabetes. 69th American Diabetes Association Scientific Sessions, New Orleans, LA
- 2010 **Secrest AM**, Orchard TJ. Dramatically increased mortality in women and African-Americans with long-standing type 1 diabetes. 70th American Diabetes Association Scientific Sessions, Orlando, FL
- 2011 Miller RG, **Secrest AM**, Sharma RK, Songer TJ, Orchard TJ. Improvements in the life expectancy of type 1 diabetes. 71st American Diabetes Association Scientific Sessions, San Diego, CA
- 2015 **Secrest AM**, Elsensohn AN, Curtis JA, Florell SR, Duffy KL, Edholm K, Summers EM. Alpha-1 antitrypsin panniculitis presenting as neutrophilic skin lesions with anasarca & pulmonary embolus. Gross and Microscopic Session, 73rd American Academy of Dermatology Annual Meeting, San Francisco, CA
- 2016 **Secrest AM**, Houston NE, Patton TJ, Harris RJ, Eliason, MJ, Phillips CM, Ferris LK. Patient preferences for physician gender and disrobing practices during total body skin examinations. Winter Clinical Dermatology Conference, Kauai, HI

Local/Regional

- 2014 **Secrest AM**. Perianal allergic contact dermatitis to methylisothiazolinone. 13th Utah Dermatology Society Annual Meeting, Springdale, UT
- 2014 **Secrest AM**. Itching for Something New: 2014 Updates in Atopic Dermatitis. Intermountain Dermatology Society Annual Meeting, Sun Valley, ID

2015 **Secret AM.** Recalcitrant herpes zoster: A case of mistaken identity. 67th Pacific Dermatologic Association Annual Meeting, Park City, UT

Invited/Visiting Professor Presentations

National

2016 **Secret AM.** Rising medication costs in dermatology: why and what can be done? 74th American Academy of Dermatology Annual Meeting, Washington, D.C.

Grand Rounds Presentations

2014 **Secret AM.** Intramuscular triamcinolone: A valid treatment option or just a pain in the rear? University of Utah Department of Dermatology Grand Rounds, Salt Lake City, UT

2015 **Secret AM.** Rising medication costs. Part one: A history of the pharmaceutical industry. University of Utah Department of Dermatology Grand Rounds, Salt Lake City, UT

2015 **Secret AM.** Rising medication costs. Part two: How medication costs are affecting dermatology and what can be done. University of Utah Department of Dermatology Grand Rounds, Salt Lake City, UT