

CURRICULUM VITAE

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EDUCATION AND TRAINING

Undergraduate:

Dates Attended	Name and Location of Institution	Degree Received and Year	Major Subject
1983-1987	University of Pittsburgh School of Nursing Pittsburgh, PA	B.S.N, 1987	Nursing

Graduate:

Dates Attended	Name and Location of Institution	Degree Received and Year	Major Subject
1992-1994	Duquesne University School of Nursing Pittsburgh, PA	MSN, 1994	Nursing Education
1996-2004	University of Pittsburgh Graduate School of Public Health Pittsburgh, PA	Dr. P.H., 2004	Biostatistics

Post Graduate:

Dates Attended	Name and Location of Institution	Name of Program Director and Discipline
3/2005	Random Forests Short Course Statistics Course ENAR, Austin, Texas	Leo Breiman Ph. D Statistics
12/2007	Statistics Workshop on the Analysis of Multilevel and Longitudinal Data CMU, (2 day course)	Don Hedeker, Ph. D Statistics
3/2008	Junior Researchers Workshop Promotion, publishing, and Grant writing for new Faculty. (1 day workshop)	ENAR, statistics
10/2012	Propensity Score Workshop Phila, PA (2 day workshop)	Paul Allison
2/2016	Conference on Statistical Practice	San Diego
3/2018	ENAR	Atlanta
5/22/18	Atlantic Causal Inference Conference	PGH
2017-2018	Teaching Workshops	PGH
7/18/2017	Teaching Effectively with & without PowerPoint	
8/21/2017	Getting Started in the Classroom	
8/22/2017	Putting Your Materials in Blackboard	
9/5/2017	The Role of the TA	
9/8/2017	Encouraging Student Participation	

APPOINTMENTS AND POSITIONS

Academic:

Dates	Position	Department, School, Name and Location of Institution
1993-1999	Instructor and Coordinator	Carlow University School of Nursing Pittsburgh, PA
2001-2004	Research Assistant V	Epidemiology Data Center, Graduate School of Public Health University of Pittsburgh, Pittsburgh, PA
2004-2006	Research Assistant V	University of Pittsburgh Diabetes Institute, Graduate School of Public Health University of Pittsburgh, Pittsburgh, PA
2006-2010	Research Associate	University of Pittsburgh Diabetes Institute, Graduate School of Public Health University of Pittsburgh, Pittsburgh, PA
2010- 2012	Research Associate	GSPH- EDC- Pittsburgh, PA
2012-Present	Assistant Professor	GSPH- EDC- Pittsburgh, PA

Non- Academic:

Dates	Position	Department, School, Name and Location of Institution
1987-1993	Staff Nurse	West Penn Hospital, Pittsburgh, PA
1993-2001	Staff Nurse	University of Pittsburgh Medical Center Pittsburgh, PA

CERTIFICATION AND LICENSURE

Medical or Other Professional Licensure

Nursing	Pennsylvania State Board of Nursing	Pennsylvania RN291801 L
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MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

2004-2016	International Biometric Society ENAR
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PROFESSIONAL ACTIVITIES

1. Teaching

a. Courses Taught

Years Taught	Course Number: Title	Hours of Lecture, credits <i>Average Enrollment</i>	Primary Instructor?
2017- Present	2185 Intro to SAS	22	Primary Instructor
1993-1994	Nu 2071/2072- Basic Concepts of Nursing Care	4 hours per week Average of 50 students	Co- Instructor
1994-1996	Nu 3081/3081-The Chronically ill Adult I	4 hours per week Average 30 students	Primary Instructor
1996-1998	Nu 3091/3092-The Chronically ill Adult II	4 hours per week Average 15-30 students	Primary Instructor
1996-1998	Nu 726-Statistics for Nursing Graduate Level	2 hours per week Average 20 students	Primary Instructor

Years Taught	Course Number: Title	Hours of Lecture, credits <i>Average Enrollment</i>	Primary Instructor?
1996	Nu 406- Nursing Research	2 hours per week Average 20 students	Primary Instructor

2. Other Teaching

b.(lectures, tutorials and continuing education courses)

<i>Date(s)</i>	<i>Type of Teaching</i>	Title
2013-Present	Lecture: University of Pitt Dept. of Epidemiology. Epi Methods 1	Stratification
2007-Present	Lecture: Univ. of Pittsburgh School of Medicine	Clinical Statistics
2005-2010	Lecture: Epidemiology 2183	Statistical Review of a Manuscript
2003	Lecture, Graduate Nursing Students	Basic Statistics for Thesis Development
1996	Lecture, Mercy Hospital Nursing Dept.	Teaching Critical Thinking
1994-1996	Administration: Coordinated the guest speakers, budget, and curriculum	RN First Assistant Program

c. Major Advisor for Students

Type of Student	Advisement Duties	Notes
Undergraduate	Registration and tracking of students	Approx. 40 students
Graduate	Registration and tracking of students	Approx. 100 students
Graduate	Supervises the analysis of 3 Ph. D students- Stanley Kuo, Shannon Chen Wei-Hsuan Lo	Graduated

Type of Student	Advisement Duties	Notes
Graduate	MS student-Yifeng Lu	Graduate Spring 2016
Graduate	MPH student-Andrew Kroemer	Graduated Fall 2017

c. Secondary Advisor for Students

Type of Student	Advisement Duties	Notes
Graduate	Zhenping Zhao-Served as mentor for Master's Essay Presented at Dean's Day and won 1 st place for the Master's students	Graduated Spring 2014
Graduate	Jewel Francis- Supervisor for summer internship program	Graduated Spring 2016
Graduate	Eric Edwards-Supervisor for summer internship program	Graduate SP 2019

D. Thesis/Doctoral Committees

Date	Student	Degree	Title
2010	Wei-shun Lo	MS/Ph.D-Epi	Identifying and Validating Type 1 and Type 2 Diabetic Cases Using Administrative Data: A Tree-Structured Model

Date	Student	Degree	Title
2010	Shannon Chen	MS-Epi	Association between depression and self care behaviors in people with diabetes
2013	Shihchen Kuo	Ph.D -Epi	Cost-effectiveness of implementing the interventions for diabetes prevention and control in the community and military settings.
SP2016	Yifeng Lu	MS	Prevalence, Risk Factors and Outcomes of Multidrug Resistant Tuberculosis Identified by GeneXpert MTB/RIF Assay in Bukavu, Democratic Republic of the Congo.
FA2017	Andrew Kroemer	MPH	A Comparison of 8-hour vs 12-hour shift duration on fatigue and fatigure-related indicators in EMS and related shifit workers: A systematic review.

2. Research and Training

a. Grants and Contracts Received

Statistician on Grants (Current)

Years Inclusive	Grant and/or Contract Number and Title	Source	Annual Direct Costs	% Effort
2010- Present	SWAN Study of Women's Health Across the Nation	<i>NIH</i>	<i>2,013,101</i>	<i>62</i>
4/1/2016- 3/31/2018	Glucose to Goal: A model to Support Diabetes Management in Primary Care	NIDDK	150,000	8
2017- Present	CTSI BERD Core	NIH	179,848	20
2017	Effort on Bonadio Discretionary	NIH		10
2017	REMIT DM	PINCH AWARD	25,000	
4/1/2017-3/31- 2021	Improving Diabetes Management in Pre-teens, Adolescents and/or Young adults with Type 1 Diabetes	NIDDK	<i>350,000</i>	<i>10</i>

Statistician on Grants (Pending)

Period of Support	Grant and/or Contract Number and Title	Agency	Annual Direct Costs	% Effort
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PUBLICATIONS

1. Refereed Articles

1. Blakolmer, K., Jain, A., Ruppert, K., Gray, E. Chronic Liver Allograft Rejection in a Population Treated Primarily With Tacrolimus as Baseline Immunosuppression. *Transplantation* 2000 ; 69(11)2330-6.
2. Jain, A., Reyes, J., Kashyap, R., Dodson, F., Demetris, A., Ruppert, K., Abu-Elmagd, K., Marsh, W., Madariaga, J., Mazariegos, G., Geller, D., Bonham, A., Fung, J. Long-Term Survival After Liver Transplantation in 4,000 Consecutive Patients at a Single Center. *Annals of Surgery* 2000 Oct; 232(4): 490-500.
3. Jain A, Demetris AJ, Kashyap R, Blakomer K, Ruppert K, Khan A, Rohal S, Starzl TE, Fung JJ. Does tacrolimus offer virtual freedom from chronic rejection after primary liver transplantation? Risk and prognostic factors in 1,048 liver transplantations with a mean follow-up of 6 years. *Liver Transpl.* 2001 Jul;7(7):623-30. PubMed PMID: 11460230; PubMed Central PMCID: PMC2965463.
4. Bellamy, C., DiMartini, A., Ruppert, K. Liver Transplantation for Alcoholic Cirrhosis. *Transplantation* 2000 Aug 27; 72(4): 619-26.
5. Kirimlioglu, H., Dvorchick, I., Ruppert, K. Hepatocellular Carcinomas in Native Livers from Patients Treated with Orthotopic Liver Transplantation: Biologic and Therapeutic Implications. *Hepatology* 2001 34(3) 502-509.

6. John G. Lunz III, Sarah Contrucci, Kris Ruppert, Noriko Murase, John J. Fung, Thomas E. Starzl, and Anthony J. Demetris. Replicative Senescence of Biliary Epithelial Cells Precedes Bile Duct Loss in Chronic Liver Allograft Rejection : Increased Expression of p21WAF1/Cip1 as a Disease Marker and the Influence of Immunosuppressive Drugs. *Am J Pathology* 04/2001; 158(4):1379-90..
7. John G. Lunz III, Sarah Contrucci, Kris Ruppert, Noriko Murase, John J. Fung, Thomas E. Starzl, and Anthony J. Demetris. Replicative Senescence of Biliary Epithelial Cells Precedes Bile Duct Loss in Chronic Liver Allograft Rejection :. *Am J Pathology* 01/2001; 158(4):1379-1390.
8. Demetris AJ, Ruppert K, Dvorchik I, Jain A, Minervini M, Nalesnik MA, Randhawa P, Wu T, Zeevi A, Abu-Elmagd K, Eghtesad B, Fontes P, Cacciarelli T, Marsh W, Geller D, Fung JJ. Real time monitoring of acute liver-allograft rejection using the Banff Schema. *Transplantation*. 12/2002; 74(9):1290-6..
9. Parizhskaya, M. Redondo, C., Demetris, AJ., Jaffe, R., Reyes, J. Ruppert, K. Martin, L. and Abu-Elmagd, K. Chronic Rejection of Small Bowel Grafts: *Pediatric and Adult Study of Risk Factors and Morphologic Progression. Pediatric and Developmental Pathology* 2003; (6) 250-250.
10. Kei Kimizuka, Atsunori Nakao, Michael A. Nalesnik, Anthony J. Demetris, Takashi Uchiyama, Kris Ruppert, Mitchell P. Fink, Donna B. Stolz, Noriko Murase. Exogenous IL-6 Inhibits Acute Inflammatory Responses and Prevents Ischemia/Reperfusion Injury after Intestinal Transplantation. *American Journal of Transplantation* Vol. 4 Issue 4 Page 482 April 2004.
11. R Shapiro, A Basu, H P. Tan, A S. Khan, E Gray, P S. Randhawa, Mark L. Jordan, V P. Scantlebury, C A. Vivas, S Potdar, N Murase, J E. Woodward, A Zeevi, A J. Demetris, K M. Ruppert, C A. Smetanka, A Marcos, J J. Fung, T E. Starzl. Campath Preconditioning and Tacrolimus Monotherapy With Subsequent Weaning in Renal Transplant Recipients. *Transplantation*. 07/2004; 78(2):56. DOI: 10.1097/00007890-200407271-00157
12. Demetris AJ, Eghtesad B, Marcos A, Ruppert K, Nalesnik MA, Randhawa P, Wu T, Krasinskas A, Fontes P, Cacciarelli T, Shakil AO, Murase N, Fung JJ, Starzl TE: Recurrent Hepatitis C in Liver Allografts: prospective assessment of diagnostic accuracy, identification of pitfalls, and observations about pathogenesis. *Am J Surg Pathology*. 2004 May; 28(5):658-69.
13. Charlton M, Ruppert K, Belle SH, Bass N, Schafer D, Wiesner RH, Detre K, Wei Y, Everhart J. Long-term results and modeling to predict outcomes in recipients with

HCV infection: results of the NIDDK liver transplantation database. *Liver Transplantation*. 2004 Sep; 10(9): 1120-30.

14. Awadalla, Y., Randhawa, P., Ruppert, K., Zeevi, A, Duquesnoy, R. HLA mismatching increases the risk of BK virus nephropathy in renal transplant recipients. *Am. J. of Transplantation*. 2004; 4: 1691-1696.
15. Evans IVR, Belle SH, Wei Y, Penovich C, Ruppert K, Detre KM. Post-transplantation growth among pediatric recipients of liver transplantation. *Pediatric Transplantation*. 2005 Vol 9(4): 480-485
14. Zgibor JC, Piatt GA, Ruppert K, Orchard TJ, Roberts MS: Deficiencies of cardiovascular risk prediction models for type 1 diabetes. *Diabetes Care*. 29(8): 1860-1865, 2006.
15. Siminerio L, PitattGA, Emerson S, Ruppert K, Saul M, Solano F, Stewart A, Zgibor J: Deploying the Chronic Care Model to Implement and Sustain Diabetes Self-Management Training Programs, *The Diabetes Educator*. 32(2): 253-260, 2006.
16. Zgibor JC, Orchard TJ, Saul M, Piatt GA, Ruppert K, Stewart A, Siminerio LM. Developing and validation a diabetes database: Implications for diabetes care in a large health system. *Diabetes Research and Clinical Practice*, December 2006.
17. Ruppert K, Roberts M., Orchard T, Zgibor J. Cardiovascular disease risk prediction in type 1 diabetes: Accounting for the differences. *Diabetes Research and Clinical Practice* 2007 Volume 78, Issue 2, Pages 234-237.
18. Zgibor, JM, Peyrot, M, Ruppert KM. et al. Using the American Association of Diabetes Educators Outcomes System to Identify Patient Behavior Change Goals and Diabetes Educator Responses. *The Diabetes Educator* 2007; 33; 839.
19. Balan, VJ. Ruppert, KM, A. Jake Demetris, M.D., Tatiana Ledneva, M.S., Steven H. Belle, Ph.D., Rene J. Duquesnoy, Ph.D., Katherine M. Detre, M.D., Dr.P.H., Yuling L. Wei, M.S., Jorge Rakela, M.D., Daniel F. Schafer, M.D., John Roberts, M.D., James E. Everhart, M.D., M.P.H., Russell H. Wiesner, M.D. *Long-Term Outcome of HLA Mismatching in LiverTransplantation: Results of NIDDK Liver Transplantation Database*. Journal of Hepatology, 2008.
20. Siminerio, L. Ruppert, K., Emerson, S., Solano, FX., Piatt, G., Delivering Diabetes Self- Management Education (DSME) in Primary Care: The Pittsburgh Regional Initiative for Diabetes Education (PRIDE). Disease Manage Health Outcomes, 2008 16 (4).
21. Minervini, M. Ruppert, KM, Liver Biopsy Findings from Healthy Potential Living Liver Donors Reasons for Disqualification, Silent Diseases and Correlation with Liver Injury Tests. Journal of Hepatology, 2009.

22. Randhawa P, Bohl D, Brennan D, Ruppert KM, Ramaswami B, Storch G, March J, Shapiro R, Viscidi, R Immune Response to BK Virus Capsid Proteins: Longitudinal Analysis of Immunoglobulin Titer and Class in Kidney Transplant Recipients. *American Journal of Transplantation* 2008.
23. Zgibor J, Ruppert K, Roberts M, Development of Coronary Heart Disease Risk Prediction Model for Type 1 Diabetes: The Pittsburgh CHD in Type 1 Diabetes Risk Model. *Diabetes Research Clin Practice* (2010).
24. Ruppert K, Kuo S, DiMartini A, and Balan V. Quality of Life Benefits Vary Among Patient Groups Up to 12 Years after Liver Transplantation. *Gastroenterology* 2010.
25. Ruppert K, Uhler A, Siminerio L. Examining Patient Risk Factors, Co-Morbid Conditions, Participation, and Physician Referrals to a Rural Diabetes Self-Management Education Program. *Diabetes Educator*, July/Aug 2010, volume 36(4).
26. Tao R, Ruppert K, Cruz R, et al. Hepatitis C Recurrence is not adversely affected by the use of DCD liver allografts. *Liver Transplantation* 2010 NOV; 16(11); 1288-95.
27. Chen HY, Ruppert K, Charron-Prochownik D, Noullet WV, Zgibor JC. Effects of Depression and Antidepressant use on Goal Setting and Barrier Identification Among Patients With Type 2 Diabetes. *The Diabetes educator*. 2011 Apr 1. PubMed PMID: 21460104.
28. Lunz J, Ruppert KM, Cajaiba MM, Isse K, Bentejewski CA, Minervini M, Nalesnik MA, Randhawa P, Rubin E, Sasatomi E, de Vera ME, Fontes P, Humar A, Zeevi A, Demetris AJ. [Re-examination of the lymphocytotoxic crossmatch in liver transplantation: can C4d stains help in monitoring?](#) *Am J Transplant*. 2012 Jan;12(1):171-82. doi: 10.1111/j.1600-6143.2011.03786.x. Epub 2011 Oct 12. PubMed PMID: 21992553.
29. Lunz, J, Cajaiba, M., Ruppert, K. Zeevi, A., Demetris, AJ. 34-P Clinical Pathological Aignificance of Anti Donor Antibodies in Liver Allograft Recipients. *Human Immunology*, 1/2010; 71 DOI: 10.1016/j.humimm.2010.06.082
30. Lo-Ciganic W, Zgibor JC, Ruppert K, Arena VC, Stone RA. Identifying type 1 and type 2 diabetic cases using administrative data: a tree-structured model. *Journal of diabetes science and technology*. 2011 May;5(3):486-93. PMID:21722564. PMCID:PMC3192615.
31. ME Danielson, TJ Beck, AS Karlamangla, GA Greendale, EJ Atkinson, Y Lian, AS Khaled, TM Keaveny, D Kopperdahl, K Ruppert, S Greenspan, M Vuga, JA Cauley. A comparison of DXA and CT based methods for estimating strength of the femoral neck in post-menopausal women. *Osteoporos Int*. 2013 Apr;24(4):1379-88. Epub 2012 Jul

19. PMID: 22810918.
32. ME Danielson, TJ Beck, Y Lian, AS Karlamangla, GA Greendale, K Ruppert, J Lo, S Greenspan, M Vuga, JA Cauley. Ethnic variability in bone geometry as assessed by hip structure analysis: Findings from the Hip Strength Across the Menopausal Transition study. *J Bone Miner Res.* 2013 Apr;28(4):771-9. PMID: 23044816.
33. Cauley JA, Danielson ME, Greendale GA, Finkelstein JS, Chang YF, Lo JC, Crandall CJ, Neer RM, Ruppert K, Meyn L, Prairie BA, Sowers MR. Bone resorption and fracture across the menopausal transition: the Study of Women's Health Across the Nation. *Menopause (New York, N.Y.).* 2012 Jul 30. PMID:22850443.
34. Lunz J, Ruppert KM, Cajaiba MM, Isse K, Bentlejewski CA, Minervini M, Nalesnik MA, Randhawa P, Rubin E, Sasatomi E, de Vera ME, Fontes P, Humar A, Zeevi A, Demetris AJ. Re-examination of the lymphocytotoxic crossmatch in liver transplantation: can C4d stains help in monitoring? *American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons.* 2012 Jan;12(1):171-82. PMID:21992553
35. Castillo-Rama,M.;Sebagh, M.; Sasatomin, E.; Randhawa, P.; Isse², K.; Salgarkar, A.D.; Ruppert, K.; Humar, A.; Demetris, A.J . "Plasma cell hepatitis" in Liver Allografts: Identification and Clarification of an IgG4-rich Cohort.. *American Journal of Transplantation* 2013 Nov;13(11):2966-77 .
36. Simenerio, L, Ruppert, K. Gabbay, RA. Who can provide diabetes self-management support in primary care? Findings from a randomized-controlled trial". *The Diabetes Educator.* September/October, 2013 (Volume 39, Number 5).
37. Jackson, K., Ruppert, K., Shapiro, R. Posttransplant Lymphoproliferative Disorder After Pancreas Transplantation: A United Network for Organ Sharing Database Analysis. *Clinical Transplantation.* Nov/Dec 2013. 27:888-894.
38. Diem SJ, Ruppert K, Cauley JA, Lian Y, Bromberger JT, Finkelstein JS, Greendale GA, Solomon DH. Rates of Bone Loss Among Women Initiating Antidepressant Medication Use in Midlife. *The Journal of Clinical Endocrinology and Metabolism.* 2013 Sep 3. PMID:24001746.
39. **Janssen I**, Landay AL, Ruppert K, Powell LH: Moderate Wine Consumption is Associated with Lower Hemostatic and Inflammatory Risk Factors Over 8 Years: The Study of Women's Health Across The Nation (SWAN). *Nutrition and Aging* 2013, in press.

40. Frederico G Toledo, Amy Triola,; Kristine Ruppert; Linda M Siminerio. Telemedicine Consultations: An Alternative Model to Increase Access to Diabetes Specialist Care in Underserved Rural Communities. *JMIR Res Protoc* 2012 | vol. 1 | iss. 2 | e14 | p.1
41. Ishii, Shinya; Cauley, Jane; Greendale, Gail; Nielson, Carrie; Karvonen-Gutierrez, Carrie; Ruppert, Kristine; Karlamangla, Arun; Pleiotropic effects of obesity on fracture risk: The Study of Women's Health Across the Nation. *JBMR*. 07/2014; DOI: 10.1002
42. Toledo, F. Ruppert, K., Huber, K. Siminerio, LM. Efficacy of the Telemedicine for Reach, Education, Access and Treatment (TREAT) Model for Diabetes Care. *Diabetes Care* 2014;37:e1–e2 | DOI: 10.2337/dc13-1909.
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44. Siminerio, L, Ruppert K., Toledo, F. Telemedicine for Reach, Education, Access and Treatment (TREAT): Linking Telemedicine with Diabetes Self-Management Education to Improve Care in Rural Communities, *Diabetes Editor* (in print)
45. Solomon, D. Diem, S. J. Diem, Ruppert, K., Lian, Y. Liu, Chih-Chin, Wolfart, A., . Greendale, G. Finkelstein., J. Bone Mineral Density Changes Among Women Initiating PPI's or H2RA's. *JBMR* 8/2014 ISSN 1523-4681.
46. Cauley, J. Greendale, G., Ruppert, K. Lian, Y. Finklestein, J. Serum 25 Hydroxyvitamin D, Bone Mineral Density and Fracture Risk Across the Menopause. *J Clin Endocrinol Metab*. 2015 May;100(5):2046-54. doi: 10.1210/jc.2014-4367. Epub 2015 Feb 26.
47. Solomon DH, Ruppert K, Zhao Z, Lian YJ, Kuo IH, Greendale GA, Finkelstein JS. Bone mineral density changes among women initiating blood pressure lowering drugs: a SWAN cohort study. *Osteoporos Int*. 2015 Oct 8. [Epub ahead of print] PubMed PMID: 26449354.
48. Solomon DH, Ruppert K, Greendale GA, Lian Y, Selzer F, Finkelstein JS. Medication Use by Race and Ethnicity in Women Transitioning Through the Menopause: A Study of Women's Health Across the Nation Drug Epidemiology Study. *Journal of Women's Health* (2002). 2016 Mar 30. PMID:27028503. doi:10.1089/jwh.2015.5338. (Imported from PubMed)

49. Park SK, Harlow SD, Zheng H, Karvonen-Gutierrez C, Thurston RC, **Ruppert K**, Janssen I, Randolph JF Jr. Association between changes in oestradiol and follicle-stimulating hormone levels during the menopausal transition and risk of diabetes. *Diabet Med*. 2016 Dec 14. doi: 10.1111/dme.13301. [Epub ahead of print] PubMed PMID: 27973745.
50. Chang PY, Gold EB, Cauley JA, Johnson WO, Karvonen-Gutierrez C, Jackson EA, **Ruppert KM**, Lee JS. Triglyceride Levels and Fracture Risk in Midlife Women: Study of Women's Health Across the Nation (SWAN). *J Clin Endocrinol Metab*. 2016 Sep;101(9):3297-305. doi: 10.1210/jc.2016-1366. PubMed PMID: 27294327; PubMed Central PMCID: PMC5010577.
51. Jackson,L, **Ruppert K**, Derby, C., Lian YJ, Neal-Perry, G, Habel, L., Tepper, P.; Harlow, SD, Solomon, DH. The Effect of Race and Ethnicity on Antihypertensive Medication Utilization among Women in the United States: The Study of Women's Health Across the Nation (SWAN); *Journal of the American Heart Association*, Feb, 2017.
52. Neil DAH, Bellamy, CO, Smith ML, Haga H, Zen, Y, Sebagh M, **Ruppert K** Lunz J, Hübscher SG, Demetris AJ; Global quality assessment of liver allograft C4d staining in formalin-fixed paraffin-embedded tissues. *Human Pathology* 2017 PMID: 29288041 DOI: [7](#)
53. Kravitz, H. Janssen, I. **Ruppert, K**, Bromberger, JT. Joffe, H., Matthews, KA. Hall, M. Sleep Trajectories Before and After the Final Menstrual Period in the Study of Women's Health Across the Nation. *Current Sleep Medicine Reports* (2017) 3:235-250.
54. **Ruppert, KM**. Cauley, J. Lian, Y. Zgibor, JC. Derby, C. Solomon, DH. The effect of Insulin on Bone Mineral Density among Women with Type 2 Diabetes: A SWAN Pharmacoepidemiology Study. *Osteoporosis Int*. (10, 2017). PMID:29075805
55. Yoshida, K. Yu, Z. Greendale, GA, **Ruppert, KM**, Lian, Y, Tedeschi, SK., Lin, TZ, Haneuse, S, Glynn, RJ. Hernandez-Diaz, S. Solomon, DH. Effects of Analgesics on Bone Mineral Density: A Longitudinal Analysis of the Prospective SWAN Cohort with Three-group Matching Weights. *Pharmacoepidemiol Drug Saf* 2017. PMID:29230890
56. Naik, C. Moore, C. Pipeling, M. D'Cunha, J. **Ruppert, K**. Ensor, C. Morrell, M. Cyclophosphamide for recurrent and refractory acute cellular rejection after lung transplantation. *Transplantation Direct* Volume 4(5), May 2018 (2018).
57. Carter-Brooks CM¹, Du AL², **Ruppert KM**², Romanova AL³, Zyczynski HM³. Implementation of an Urogynecology-Specific Enhanced Recovery After Surgery (ERAS) Pathway. *Am J Obstet Gynecol*. 2018 Jun 15.

58. Sassani JC, Stork A., **Ruppert KM**, Bradley MS, Variables Associated with Inability to Learn Clean Intermittent Self-Catheterization after Urogynecologic Surgery Female Pelvic Medicine & Reconstructive Surgery (accepted International Urogynecology Journal).
59. Cauley, JA, **Ruppert, K**, Lian, Y, et al. Serum Estradiol, Follicle Stimulating Hormone and Sex Hormone Binding Globulin and the Risk of Fracture across the Menopausal Transition: Study of Women's Health Across the Nation (SWAN). *J. Clin Endocrinol Metab.* 2019 Jan 23. PMID:22850443
60. Mitchell D, **Ruppert K**, Lian P. et al. Temporal increases in 25-hydroxyvitamin D in midlife women: Longitudinal results from the Study of Women's Health Across the Nation (SWAN). *Clinical Endocrinology* April 2019 PMID:30972777.
61. Kravitz H, Bromberger J, Matthews K, Hall M, **Ruppert K**, Joffe H, Janssen I. A Trajectory Analysis of Sleep Maintenance Problems in Midlife Women Before and After Surgical Menopause in The Study of Women's Health Across the Nation (SWAN). (Submitted JAMA).
62. Ross, J, **Ruppert, K**. Assessing the Performance of the De Novo Postoperative Stress Urinary Incontinence Calculator. *Female Pelvic Medicine and Reconstructive Surgery* 2019 Mar 27. PMID:30921082
63. Jackson L, **Ruppert, K**, Lian Y, Solomon, DH.- Race and Ethnicity are Associated with Under-utilization of Statins among Women in the United States: The Study of Women's Health Across the Nation (SWAN) submitted but rejected, in revision

Review Articles

1. Demetris AJ, Ruppert K. Pathologists perspective on liver needle biopsy size? *J. Hepatology* 2003 Aug; 39(2): 275-7 Review.

Published Abstracts

- 1 . Ruppert K, Saul M, Piatt G, Stewart A, Siminerio L, Orchard T, Zgibor J. Development of a Diabetes Registry for a Large Health System. *AADE* 2005.
2. Zgibor JC, Ruppert KM, Orchard TJ, Roberts MS: Use of the Framingham Risk Function in type 1 diabetes: Identifying the gaps. *Society for Medical Decision Making*. San Francisco, CA, October 2005, Poster.

3. Zgibor JC, Ruppert KM, Orchard TJ, Roberts MS: Predicting coronary heart disease events in type 1 diabetes: A new opportunity for prevention, *American Diabetes Association 66th Scientific Sessions, Poster, 2006*.
4. Ruppert, K., Zgibor, J. Predicting Coronary Heart Disease Events in Type 1 Diabetes: A New Opportunity for Prevention. *Poster Presentation AADE 2006*. Washington, DC.
5. Emerson S, Piatt GA, Koshinsky J, Kuo S, McWilliams J, Ruppert K, Siminerio L. Expanding Diabetes Self-Management Education (DSME) Opportunities: Exploring Access and Charges for Hospital Based and Primary Care Models. *ADA 2007*
6. Nochese M, Calabrese-Donihi A, Ruppert K, Dinardo M, Banks T. Korytkowski M: A guideline for Diabetes Self Management in the Hospital: Experience with 50 patients using Continuous Subcutaneous Insulin Infusions. *ADA 2007*.
7. Ruppert K. Siminerio L. Stewart AF. Race and Diabetes Education Practices in a Large Health System Database. (ADA 2010)
8. Siminerio L. Ruppert K. Stewart AF. Lifestyle Intervention to Reduce Risk of Diabetes and Cardiovascular Disease in an Underserved Community: Long Term Results (AADE 2010)
9. Hsiang-Yu C, Ruppert K. Charron-Prochownik D. Noullet W. Zgibor JC. Effects of Depression and Antidepressant Use on Goal Setting and Barrier Identification among Patients with Type 2 Diabetes (ADA, 2010)
10. Demetris AJ. Ruppert KM. Ekong U. Lobritto SJ. Tchao N. Feng S. Prospective Evaluation of Histopathologic Biopsy Features that Predict Successful Weaning and Comparison to Protocol Follow-up Biopsies 2 Years after Complete immunosuppression Withdrawal in Living-related Pediatric Liver Allograft Recipients (AASLD 2010)

Presentations

1. Zgibor J, Ruppert K, Orchard T, Roberts M. Use of the Framingham risk function in Type 1 diabetes: Identifying the gaps. *Accepted for Presentation at SMDM 2005*.
2. Awadalla Y, Askar M, Ruppert K, Demetris, AJ, Randhawa P, Shapiro R, Zeevi A, Duquesnoy R. Pretransplant serum level of soluble CD30: Impact on graft outcome after kidney transplantation. *Accepted for presentation 2005*.
3. Parmjeet Randhawa, MD¹, Daniel Bohl, MD², Daniel Brennan, MD², Kristine Ruppert, PhD³, Gregory Storch, MD², Jill March¹, Sarah Muner¹ and Raphael Viscidi, MD⁴. Clinical Utility of Measuring Antibody Isotypes to BKV capsids in

Kidney Transplant Recipients With Primary and Reactivation BK Virus Infection.
Poster Presentation American Transplant Congress. 2008. Toronto.

4. Laura Bettencourt, Amy Uhler, Kristine Ruppert, Janice Zgibor, Linda Siminerio, Gretchen Piatt. Implementing the Chronic Care Model in a Rural Setting to Improve the ABC's of Diabetes. Poster Presentation, ADA 2008.
5. Parmjeet Randhawa, Daniel Bohl, Daniel Brennan, Kris Ruppert, Gregory Storch, Bala Ramaswami, Jill March, Sarah Muner, Raphael Viscidi. Clinical Correlates of BK Virus Capsid Antibody Subclass Measurements in Kidney Transplant Recipients. *XXII International Congress of the Transplantation Society 2008*. Oral Presentation. Australia.
6. Ruppert, KM, Uhler, A, Cook, A, Piatt, G, Siminerio L. Referral Patterns for Diabetes Self Management Education in a Rural community in the United States. *Therapeutic Patient Education 2008 - including the 4th International DAWN Summit - Budapest, Hungary, November 5-8, 2008* (Oral Presentation).
7. Ruppert, KM, McDermott, S, Faderewski, M, Siminerio, L. Using Data Integration and OLAP to Identify Gaps in Diabetes Self-Management Education (DSME) Services in Western Pennsylvania. Diabetes Technology Meeting, Bethesda MD, 2008 (Poster).
8. Zgibor JC, Ruppert KM, Noullet W, Peyrot M, Siminerio L. Assessing the Role of Diabetes Self Management Education in Behavior Change Using the AADE System. AADE San Francisco (2008).
9. Ruppert KM, Siminerio L. Stewart AF. Sebesta B. Trott V. Songer TJ. Diabetes Education Services and Health Care Charges in a Large Health System Data base Oral Presentation (ADA, New Orleans, 2009).
11. Hsiang-Yu C, Ruppert K. Charron-Prochownik D. Noullet W. Zgibor JC. Effects of Depression and Antidepressant Use on Goal Setting and Barrier Identification among Patients with Type 2 Diabetes (Oral Presentation, ADA, 2010)
12. Prairie, Beth. Meyn L; Ruppert; K. Lian, Y.; Crandall, C; Greendale, G; Finklestein, J; Sowers, MF; Cauley J. Bone Resorption and Bone Mineral Density Across the Menopausal Transition in the Study of Women Across the Nation (SWAN). Oral Presentation (ASBMR, San Diego, 2011).
13. M. E. Danielson, T. J. Beck, Y. Lian, , K. Ruppert, G. A. Greendale, A. S. Karlamangla, J. A. Cauley, Ethnic Variability in Bone Geometry as Assessed by Hip Structural Analysis: Study of Women's Health Across the Nation (SWAN) (ASBMR, San Diego, 2011).
14. Zgibor JC, Tu L, Kuo S, Lo-Ciganic W, Solano F, Ruppert K. Timing of insulin initiation and diabetes complications in a large health system: developing a profile for

secondary prevention. American Diabetes Association's 73rd Scientific Sessions, Chicago, IL, June 2013. (Accepted as poster presentation.

15. Tepper PG, Randolph J, Jones B, Crawford S, Gold E, El Khoudary SR, Lasely B, McConnell D, Joffe H, Zheng H, Avis N, Bromberger J, Brooks MM, Hess R, Ruppert K, Thurston RC. Trajectory Patterns of Vasomotor Symptoms over the Menopausal Transition in the Study of Women's Health Across the Nation (SWAN) (abstract). 24th Annual Meeting of The North American Menopause Society (NAMS); 2013 Oct 9 - 12; Dallas, TX.
16. Tepper PG, Randolph J, Jones B, Crawford S, Gold E, El Khoudary SR, Lasely B, McConnell D, Joffe H, Zheng H, Avis N, Bromberger J, Brooks MM, Hess R, Ruppert K, Thurston RC. Trajectory Patterns of Vasomotor Symptoms over the Menopausal Transition in the Study of Women's Health Across the Nation (SWAN) (abstract). 24th Annual Meeting of The North American Menopause Society (NAMS); 2013 Oct 9 - 12; Dallas, TX.
17. Tepper PG, Crawford S, Jones B, Zheng H, Ruppert K, Kravitz HM, Lian Y, Brooks MM. Group-based trajectory modeling of the estradiol trajectories during the menopausal transition among women in the Study of Women's Health Across the Nation (SWAN). Poster presented at: Joint Statistical Meetings 2013 Aug 3 - 8. Montreal, Quebec, Canada.
18. Zgibor JC, Tu L, Kuo SC, Lo-Ciganic W, Ruppert K. Timing of Insulin Initiation and Diabetes Complications in a Large Health System: Developing a Profile for Secondary Prevention. American Diabetes Association 73rd Scientific Sessions; 2013 Jun 21 - 25; 2013.
19. Zgibor JC, Tu L, Kuo SC, Saul, M. Solano, F. Lo-Ciganic W, Ruppert K. The Impact of Timing of Insulin on the Incidence of Macrovascular Complications. American Diabetes Association 74th Scientific Sessions, 2014, June 13-17. Poster presentation.
20. Daniel H. Solomon, Susan J. Diem, Kristine Ruppert, YinJuan Lian, Chih-Chin Liu, Alyssa Wohlfart, Gail A. Greendale, Joel S. Finkelstein. Bone Mineral Density Changes Among Women Initiating PPI's or H2RA's. (ASBMR, 2014, poster).
21. Daniel H. Solomon, Kristine Ruppert, YinJuan Lian, Zhao, Z Bertolet, M, Gail A. Greendale, Joel S. Finkelstein. Bone Mineral Density Changes Among Women Initiating PPI's or H2RA's. (ASBMR, 2014, Poster).
22. Krall J, **Ruppert KM**, Curry WJ, Gabbay RA, Kanter J, Siminerio LM. Can a diabetes educator influence clinical inertia in primary care? Accepted for presentation to the American Diabetes Association's 77th Scientific Sessions, June 9-13, 2017, San Diego, CA.

23. Thangudu A, **Ruppert KM**, Kanter J, Krall J, Siminerio LM. Does DSME position statement algorithm improve referrals? Accepted for presentation to the American Diabetes Association's 77th Scientific Sessions, June 9-13.
24. Greendale, G., Huang, MH, Karvonen-Gutierrez C, Finkelstein J., Cauley, J. **Ruppert, K.** Karlamangla, A. Changes in visceral fat and android fat over the menopause transition: Results from the Study of Women's Health Across the Nation (SWAN). Presentation at ASBMR Sept 2017.
25. Carter, C. **Ruppert, K.** et al. Enhanced Recovery After Surgery (ERAS) Implementation in an Urogynecology Population. (Oral presentation, Society of Gynecologic Surgeons March 11-13, 2018, Tampa FL.)
26. Carter, C. **Ruppert, K.**, et al. Peri-operative Analgesia and Anti-Emetic Use After Implementation of Enhanced Recovery After Surgery (ERAS) in an Urogynecology Population. (Oral presentation, Society of Gynecologic Surgeons March 11-13, 2018, Tampa FL.).
27. Koshinsky, J. Krall, J. **Ruppert, K.**, Kanter, J. Solano FX. Siminerio, L. Diabetes Educator Impact in Value Based Care Models. (Oral Presentation: American Diabetes Association 78th Scientific Session, June 22-26, Orlando FL.).
28. Krall, J. Kanter, J. Arena, VC. **Ruppert, K.**, Solano FX. Siminerio, L. Can Practice Redesign Improve Diabetes Self-Management Education (DSME) Referrals. (Poster: American Diabetes Association 78th Scientific Session, June 22-26, Orlando FL.).
29. M.S.V.M. Silveira, M.C.R. Parisi, **K. Ruppert**, A.C. Moura Neto, L. Siminerio, A.C. Sposito, M. Funnel, E. J. Pavin and L. Fisher. The Emotional Side of Diabetes and Glycemic Control in a Brazilian Sample of Adults with Type 1 Diabetes. (American Diabetes Association 78th Scientific Session, June 22-26, Orlando FL.).
30. Cauley, JA, **Ruppert, K.** Lian, Y, et al. Serum Estradiol, Follicle Stimulating Hormone and Sex Hormone Binding Globulin and the Risk of Fracture across the Menopausal Transition: Study of Women's Health Across the Nation (SWAN). (ASBMR Montreal Canada 10/2018).
31. Carter-Brooks CM¹, Du AL², **Ruppert KM**², Romanova AL³, Zyczynski HM³. Implementation of an Urogynecology-Specific Enhanced Recovery After Surgery (ERAS) Pathway. Am J Obstet Gynecol. 2018 October; Chicago
- 32.

3. Service (Professionally Related)

1. Journal Name: Patient Preference and Adherence

Title: Simplicity, flexibility and respect: Preferences related to diabetes education in hardly reached people with type 2 diabetes Submission ID: 91408

2. Manuscript title: "Implementation of interval walking training in patients with Type 2 diabetes in Denmark; Rationale, design and baseline characteristics".

Author: Dr Ried-Larsen.

Journal: Clinical Epidemiology.

3. Manuscript title: "The Danish Adult Diabetes Registry".

Author: Dr Rossing.

Journal: Clinical Epidemiology.

4. Manuscript title: "Comparison of efficacy and safety of two starting insulin regimens in non-Asian, Asian Indian, and East Asian patients with type 2 diabetes: a post-hoc analysis of the PARADIGM study".

Author: Dr Lew.

Journal: Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy.

5. Ms. Ref. No.: PCD-D-15-00299 Title: The Effect of BATHE Interview Technique on Empowerment of Diabetic Patients in Primary Care: A Cluster Randomised Controlled Study Primary Care Diabetes

6. Manuscript title: "Study of the length of 3' untranslated regions in patients with posttransplantation diabetes mellitus". Author: Miss Zheng.

Journal: Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy.

7. Journal Name: International Journal of Women's Health

Title: The experiences of pre-pregnancy care for women with type 2 diabetes mellitus: a meta-synthesis Submission ID: 115955

8. Ms. Ref. No.: PCD-D-15-00299R2

Title: The Effect of the BATHE Interview Technique on the Empowerment of Diabetic Patients in Primary Care: A Cluster Randomised Controlled Study Primary Care Diabetes

9. Ref: WHI_2016_12

Title: Acceptability of Virtual Prenatal Visits for Women with Gestational Diabetes

Journal: Women's Health Issues

10. Ms. Ref. No.: PCD-D-15-00299R3

Title: The Effect of the BATHE Interview Technique on the Empowerment of Diabetic Patients in Primary Care: A Cluster Randomised Controlled Study Primary Care Diabetes

11. Journal Name: Clinical Interventions in Aging
Title: Higher serum uric acid is associated with higher lumbar spine BMD in healthy Chinese male adults over 50-year-old Submission ID: 130690.
12. Manuscript title: "Development and Validation of a US Insurance Claims-Based Algorithm to Classify Patients with Type 2 Diabetes Mellitus into Renal Impairment Stages".
Journal: Clinical Epidemiology.
13. Journal Name: Patient Preference and Adherence
Title: Education and patient preferences for treating type 2 diabetes: A stratified discrete-choice experiment Submission ID: 139471.
14. Journal Name: Clinical Epidemiology
Title: Using statutory health insurance data to evaluate nonresponse in a cross-sectional study on depression among patients with diabetes in Germany Submission ID: 156023
15. Ref: PSY_2017_1740
Title: SEROTONIN REUPTAKE INHIBITOR FLUOXETINE ACTS CENTRALLY TO CAUSE BONE LOSS IN RATS
Journal: Psychiatry Research.
16. MAJ 17-1811, entitled Acute liver allograft rejection after living donor liver transplantation: a study of its risk factor and recipients' survival for the The American Journal of the Medical Sciences.
17. Journal Name: Clinical Epidemiology
Title: The association between glucose-6-phosphate dehydrogenase deficiency and hepatitis B virus infection status among pre-pregnant reproductive-age Chinese females Submission ID: 154493.
18. Journal Name: The Open Diabetes Journal
Title: Liposomal carriers for plasmatic insulin delivery: a new feasible way to improve quality of life in type 1 diabetes? Reference#: BMS-TODIAJ-2018-2
19. OSIN-D-18-00116, "Decreasing Bone Mineral Density and Possible Causes in US Multiethnic Population: Analysis of Continuous NHANES 2005 - 2014". Osteoporosis International.
20. PONE-D-18-06212
Penetration of new antidiabetic medications in East Asian countries and the United States: a cross-national comparative study
Dr. Kiyoshi Kubota

21. OSIN-D-18-00644, "Incidence and risk factors for hip fracture in elderly patients undergoing lumbar spine surgery: A nationwide database study with 11-year follow-up".

22. BMS-TODIAJ 2018, Trends on Prevalence of DM at Nedjo General Hospital, Western Ethiopia: Cross Sectional study.

23. Reference#: BMS-TODIAJ-2018-19. Impact of self monitoring of blood glucose on glycaemic control in type 2 diabetic Nigerians who reside in Lagos.

24. Manuscript ID: biomedicines-451063

Title: Assessment of bone mineral density (BMD) and hormonal profiles in pre and post-menopausal diabetic women

25. Ref: PCD_2019_69

Title: Antidiabetic Treatment and Bone in Type 2 Diabetes Patients

Journal: Primary Care Diabetes.

26. Reference#: BMS-TODIAJ-2019-1. Markers of oxidative stress and inflammation in only diabetic and obese Ghanaian populations: the RODAM study.

27. Manuscript ID: medicina-483556

Title: Physical activity in puberty is an important predictor of total body and femoral neck bone mineral characteristics in males at the age of 18 years: a longitudinal study.

28. Medical Science Monitor: #917215

Title: The association between patients' characteristics and bone mineral density in type 2 diabetes: A cross-sectional study".

a. University/Institute of Higher Learning

Years	Committee/Service	Position
2015-present	CC liaison for the sleep committee in SWAN	Member
2012-Present	Lead Statistician for the PharmacoEpi Research Committee for SWAN	Co-Chair
2010-present	Statistical Representative on the Publication committee for SWAN	Reviewer/Member
2010-Present	Lead Statistician for the Bone Research Committee For SWAN	Member
2007-2010	Diabetes Database Committee-UPMC	Chair

Years	Committee/Service	Position
2007-2010	Grant Reviewer for BRIDGES	Reviewer
1994-1998	Core-Curriculum, Carlow University	Member
1995	Nursing Evaluation, Carlow University	Chair