

## Alice Liu

Adjunct Clinical Assistant Professor, Medicine - Endocrinology, Gerontology, & Metabolism

### CLINICAL OFFICE (PRIMARY)

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### Bio

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#### CLINICAL FOCUS

- Endocrinology
- Diabetes and Metabolism

#### ACADEMIC APPOINTMENTS

- Member, Cardiovascular Institute

#### PROFESSIONAL EDUCATION

- Fellowship: Stanford University Endocrinology Fellowship (2009) CA
- Residency: Stanford University Internal Medicine Residency (2006) CA
- Internship: Stanford University Internal Medicine Residency (2004) CA
- Medical Education: University of California at San Francisco School of Medicine (2003) CA
- Board Certification: Endocrinology, Diabetes and Metabolism, American Board of Internal Medicine (2008)

### Publications

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#### PUBLICATIONS

- **Effect of Pioglitazone on Cardiometabolic Risk in Patients With Obstructive Sleep Apnea.** *American journal of cardiology*  
Liu, A., Abbasi, F., Kim, S. H., Ariel, D., Lamendola, C., Cardell, J., Xu, S., Patel, S., Tomasso, V., Mojaddidi, H., Grove, K., Tsao, P. S., Kushida, et al  
2017
- **Does enhanced insulin sensitivity improve sleep measures in patients with obstructive sleep apnea: a randomized, placebo-controlled pilot study.** *Sleep medicine*  
Liu, A., Kim, S. H., Ariel, D., Abbasi, F., Lamendola, C., Cardell, J., Xu, S., Patel, S., Tomasso, V., Mojaddidi, H., Grove, K., Tsao, P. S., Kushida, et al  
2016; 22: 57-60
- **Salsalate-induced changes in lipid, lipoprotein, and apoprotein concentrations in overweight or obese, insulin-resistant, nondiabetic individuals.** *Journal of clinical lipidology*  
Ariel, D., Kim, S. H., Liu, A., Abbasi, F., Lamendola, C. A., Grove, K., Tomasso, V., Reaven, G. M.  
2015; 9 (5): 658-663

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- **Usefulness of Fetuin-A to Predict Risk for Cardiovascular Disease Among Patients With Obstructive Sleep Apnea.** *American journal of cardiology*  
Liu, A., Lamendola, C., Ariel, D., Abbasi, F., Kim, S. H., Cardell, J., Tomasso, V., Xu, S., Patel, S., Mojaddidi, H., Grove, K., Kushida, C. A., Reaven, et al  
2015; 116 (2): 219-224
  - **Abnormalities of lipoprotein concentrations in obstructive sleep apnea are related to insulin resistance.** *Sleep*  
Liu, A., Cardell, J., Ariel, D., Lamendola, C., Abbasi, F., Kim, S. H., Holmes, T. H., Tomasso, V., Mojaddidi, H., Grove, K., Kushida, C. A., Reaven, G. M.  
2015; 38 (5): 793-799
  - **Abnormalities of Lipoprotein Concentrations in Obstructive Sleep Apnea Are Related to Insulin Resistance** *SLEEP*  
Liu, A., Cardell, J., Ariel, D., Lamendola, C., Abbasi, F., Kim, S. H., Holmes, T. H., Tomasso, V., Mojaddidi, H., Grove, K., Kushida, C. A., Reaven, G. M.  
2015; 38 (5): 793-?
  - **Effect of Salsalate on Insulin Action, Secretion, and Clearance in Nondiabetic, Insulin-Resistant Individuals: A Randomized, Placebo-Controlled Study** *DIABETES CARE*  
Kim, S. H., Liu, A., Ariel, D., Abbasi, F., Lamendola, C., Grove, K., Tomasso, V., Ochoa, H., Reaven, G.  
2014; 37 (7): 1944-1950
  - **Pancreatic beta cell function following liraglutide-augmented weight loss in individuals with prediabetes: analysis of a randomised, placebo-controlled study.** *Diabetologia*  
Kim, S. H., Liu, A., Ariel, D., Abbasi, F., Lamendola, C., Grove, K., Tomasso, V., Reaven, G.  
2014; 57 (3): 455-462
  - **Reply to DN Polesel et al.** *American journal of clinical nutrition*  
Liu, A., Reaven, G. M., Abbasi, F.  
2013; 98 (6): 1593-?
  - **Habitual shortened sleep and insulin resistance: An independent relationship in obese individuals.** *Metabolism*  
Liu, A., Kushida, C. A., Reaven, G. M.  
2013; 62 (11): 1553-1556
  - **Is measurement of non-HDL cholesterol an effective way to identify the metabolic syndrome?** *NUTRITION METABOLISM AND CARDIOVASCULAR DISEASES*  
Liu, A., Reaven, G. M.  
2013; 23 (11): 1122-1127
  - **Benefits of liraglutide treatment in overweight and obese older individuals with prediabetes.** *Diabetes care*  
Kim, S. H., Abbasi, F., Lamendola, C., Liu, A., Ariel, D., Schaaf, P., Grove, K., Tomasso, V., Ochoa, H., Liu, Y. V., Chen, Y. I., Reaven, G.  
2013; 36 (10): 3276-3282
  - **The Winged Helix Transcription Factor Foxa3 Regulates Adipocyte Differentiation and Depot-Selective Fat Tissue Expansion** *MOLECULAR AND CELLULAR BIOLOGY*  
Xu, L., Panel, V., Ma, X., Du, C., Hugendubler, L., Gavrilova, O., Liu, A., McLaughlin, T., Kaestner, K. H., Muellera, E.  
2013; 33 (17): 3392-3399
  - **Risk for obstructive sleep apnea in obese, nondiabetic adults varies with insulin resistance status** *SLEEP AND BREATHING*  
Liu, A., Kushida, C. A., Reaven, G. M.  
2013; 17 (1): 333-338
  - **Preferential Fat Deposition in Subcutaneous Versus Visceral Depots Is Associated with Insulin Sensitivity** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*  
McLaughlin, T., Lamendola, C., Liu, A., Abbasi, F.  
2011; 96 (11): E1756-E1760
  - **Adiposity indices in the prediction of metabolic abnormalities associated with cardiovascular disease in non-diabetic adults** *NUTRITION METABOLISM AND CARDIOVASCULAR DISEASES*  
Liu, A., Abbasi, F., Reaven, G. M.  
2011; 21 (8): 553-560

- **Differential adipogenic and inflammatory properties of small adipocytes in Zucker Obese and Lean rats** *DIABETES & VASCULAR DISEASE RESEARCH*  
Liu, A., Sonmez, A., Yee, G., Bazuine, M., Arroyo, M., Sherman, A., McLaughlin, T., Reaven, G., Cushman, S., Tsao, P.  
2010; 7 (4): 311-318
- **Differential Intra-abdominal Adipose Tissue Profiling in Obese, Insulin-resistant Women** *OBESITY SURGERY*  
Liu, A., McLaughlin, T., Liu, T., Sherman, A., Yee, G., Abbasi, F., Lamendola, C., Morton, J., Cushman, S. W., Reaven, G. M., Tsao, P. S.  
2009; 19 (11): 1564-1573
- **Sexual initiation, substance use, and sexual behavior and knowledge among vocational students in northern Thailand** *INTERNATIONAL FAMILY PLANNING PERSPECTIVES*  
Liu, A., Kilmarx, P., Jenkins, R. A., Manopaiboon, C., Mock, P. A., Jeeyapunt, S., Uthairavit, W., van Griensven, F.  
2006; 32 (3): 126-135
- **Rapid whole-blood finger-stick test for HIV antibody: Performance and acceptability among women in Northern Thailand** *JAIDS-JOURNAL OF ACQUIRED IMMUNE DEFICIENCY SYNDROMES*  
Liu, A., Kilmarx, P. H., Supawitkul, S., Chaowanachan, T., Yanpaisarn, S., Chaikummao, S., Limpakarnjanarat, K.  
2003; 33 (2): 194-198