



## Shebani Sethi MD, ABOM

Clinical Associate Professor, Psychiatry and Behavioral Sciences

### CLINICAL OFFICE (PRIMARY)

- **Psychiatry**

401 Quarry Rd Ste 2114

MC 5723

Stanford, CA 94305

Tel (650) 498-9111      Fax (650) 724-9900

### Bio

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#### BIO

Dr. Sethi is a Clinical Associate Professor in the Department of Psychiatry and Behavioral Sciences and founding Director of the first academic Metabolic Psychiatry Clinical program since 2015. She is board-certified in both Psychiatry and Obesity Medicine with additional expertise in adult eating disorders. She completed her residency in Psychiatry at Stanford University and specialized training in Obesity Medicine at Duke Medical Center. Dr. Sethi received her MD jointly from Duke University School of Medicine and the National University of Singapore. She received a Masters degree in Biotechnology from Johns Hopkins University. Metabolic Psychiatry is a term she developed to describe the emerging clinical discipline focused on the integrative study and treatment of metabolic dysfunction and the relationship to mental illness. Dr. Sethi's approach to psychiatric treatment incorporates detection and treatment of metabolic abnormalities, principles of obesity medicine, nutrition and metabolism. She was awarded funding by the Obesity Treatment Foundation and Baszucki Brain Foundation to study the effectiveness of a low - carbohydrate ketogenic dietary intervention in patients with bipolar illness or schizophrenia with overlapping metabolic abnormalities. Her previous research included a pilot randomized clinical trial testing an FDA-approved obesity medication for binge-eating disorder and bulimia nervosa at Stanford University funded by SPARK. She is a recipient of the Kuen Lau Bipolar Research Award and the Symonds Fellow Award from the Association of Women Psychiatrists for innovation in psychiatry and contributions to women's health. She is a member of the Obesity Medicine Association, the American Psychiatric Association, and served on the council of the Northern California Psychiatric Association.

#### CLINICAL FOCUS

- Psychiatry
- Obesity Medicine
- Adult Eating Disorders
- Metabolic Syndrome
- Metabolic Psychiatry

#### ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Psychiatry and Behavioral Sciences

## ADMINISTRATIVE APPOINTMENTS

- Founding Director, Metabolic Psychiatry Clinic, Stanford University School of Medicine, (2019- present)

## HONORS AND AWARDS

- Kuen Lau Bipolar Research Award, Stanford Department of Psychiatry (2021)
- Metabolic Psychiatry Research Fund, Baszucki Brain Foundation (2021)
- Obesity Treatment Foundation Grant Award, Obesity Medicine Association (2018)
- Symonds Fellow Award, Association of Women Psychiatrists (2016)
- ASCP Clinical Trial Scholarship, American Society of Clinical Psychopharmacology (2016)
- Recipient, The Coaching Fellowship (2015)
- Scholar, Stanford Society of Physician Scholars (2015)
- Clinical and Translational Science Award (CTSA) Seed Grant, Stanford Office of Community Health (2010-2012)

## PROFESSIONAL EDUCATION

- Board Certification: Obesity Medicine, American Board of Obesity Medicine (2020)
- Board Certification: Psychiatry, American Board of Psychiatry and Neurology (2018)
- Residency, Stanford University Medical Center , Psychiatry (2017)
- Internship, Stanford University Medical Center , Psychiatry (2014)
- MD, National University of Singapore , Medicine (2013)
- MD, Duke University School of Medicine , Medicine (2013)
- MS, Johns Hopkins University , Biotechnology (2007)

## LINKS

- Stanford Metabolic Psychiatry: [https://med.stanford.edu/psychiatry/patient\\_care/metabolic.html](https://med.stanford.edu/psychiatry/patient_care/metabolic.html)

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Improving metabolic and mental health through dietary metabolic therapies, pharmacological optimization, and other lifestyle interventions in those with severe mental illness, such as bipolar disorder, schizophrenia, major depression is a major focus of her research. Clinical and academic interests include management of psychiatric disorders with co-morbid obesity, insulin resistance, metabolic dysfunction and/or eating disorders, particularly binge eating disorder and bulimia nervosa.

### CLINICAL TRIALS

- Can Neural Network Instability in Schizophrenia Be Improved with a Very Low Carbohydrate Ketogenic Diet?, Recruiting
- FDA Approved Medication to Reduce Binge Eating and/or Purging, Not Recruiting
- Impact of a Ketogenic Diet on Metabolic and Psychiatric Health in Patients With Bipolar Illness, Not Recruiting
- Impact of a Ketogenic Diet on Metabolic and Psychiatric Health in Patients With Bipolar or Schizophrenia Illness, Not Recruiting

## Publications

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### PUBLICATIONS

- **Impact of a ketogenic diet on metabolic and psychiatric health in patients with bipolar or schizophrenia illness: A pilot clinical trial**  
Sethi, S., Saslow, L., Ketter, T.

WILEY.2023: 19-20

- **The Role of Ketogenic Metabolic Therapy on the Brain in Serious Mental Illness: A Review** *Journal of Psychiatry & Brain Sciences*  
Sethi , S., Ford , J.  
2022; 7:e220009.
- **Treating Binge Eating and Food Addiction Symptoms with Low-carbohydrate Ketogenic Diets: A Case Series**  
Carmen , M., Safer, D. L., Saslow, L. R., Kalayjian , T., Mason, A. E., Westman, E. C., Sethi , S., et al  
*Journal of Eating Disorders*. Biomed Central .  
2020
- **Low Carbohydrate Ketogenic Therapy as a Metabolic Treatment for Binge Eating and Ultra-processed Food Addiction.** *Current Opinion Endocrinology, Diabetes and Obesity*  
Sethi , S., Anika, S., Ashley , G.  
2020; 27 (5)
- **A Randomized, Placebo-controlled Crossover Trial of Phentermine-topiramate ER in Patients with Binge-eating Disorder and Bulimia Nervosa** *International Journal of Eating Disorders*  
Safer, D. L., Adler, S., Sethi , S., Bentley , J., Toyama, H., Parajito , S., Najarian , T., et al  
2019
- **Correction: Treating binge eating and food addiction symptoms with low-carbohydrate Ketogenic diets: a case series.** *Journal of eating disorders*  
Carmen, M., Safer, D. L., Saslow, L. R., Kalayjian, T., Mason, A. E., Westman, E. C., Sethi, S.  
2023; 11 (1): 171
- **Ketogenic Diet as a Metabolic Therapy for Bipolar Disorder: Clinical Developments** *Journal of Affective Disorders Reports*  
Yu , B., Oz, R., Sethi, S.  
2022
- **Ketogenic Diet as a Metabolic Therapy for Bipolar Disorder: Clinical Developments**  
Yu, B., Oz, R., Sethi , S., et al  
*Research Square Preprint* .  
2021
- **Low carbohydrate ketogenic therapy as a metabolic treatment for binge eating and ultraprocessed food addiction.** *Current opinion in endocrinology, diabetes, and obesity*  
Sethi, S., Sinha, A., Gearhardt, A. N.  
2020; 27 (5): 275-282
- **Ketogenic diet as a metabolic treatment for mental illness.** *Current opinion in endocrinology, diabetes, and obesity*  
Norwitz, N. G., Sethi, S., Palmer, C. M.  
2020; 27 (5): 269-274
- **Ketogenic Diet as a Metabolic Treatment for Mental Illness.** *Current Opinion in Endocrinology, Diabetes and Obesity.*  
Norwitz , N., Sethi , S., Palmer , C.  
2020 ; 27 (5)
- **Treating binge eating and food addiction symptoms with low-carbohydrate Ketogenic diets: a case series.** *Journal of eating disorders*  
Carmen, M., Safer, D. L., Saslow, L. R., Kalayjian, T., Mason, A. E., Westman, E. C., Sethi Dalai, S.  
2020; 8: 2
- **If Americans were healthier, we could have been better prepared for this pandemic.**  
Sethi Dalai , S.  
*The Hill Op-Ed*.  
2020
- **Study protocol and rationale for a randomized double-blinded crossover trial of phentermine-topiramate ER versus placebo to treat binge eating disorder and bulimia nervosa.** *Contemporary clinical trials*  
Dalai, S. S., Adler, S. n., Najarian, T. n., Safer, D. L.

2018; 64: 173–78

- **Could Pokémon Go Have Some Mental Health Benefits?**

Sethi Dalai, S.

American Psychiatric Association . Washington DC.

2016