

CURRICULUM VITAE

Sarah Kremen, M.D.

PERSONAL HISTORY

Office Address: The Jona Goldrich Center for Alzheimer's and Memory Disorders
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EDUCATION

1990-1994 B.A., Psychology, Oberlin College, Oberlin OH.
Phi Beta Kappa

1999-2003 M.D., University of Maryland, Baltimore, MD.

2003-2004 Intern, Medicine, VA Greater Los Angeles, Los Angeles, CA.
(Program Director: Neil Paige, MD, MSHS)

2004-2007 Resident, Neurology, UCLA, Los Angeles, CA.
(Program Director: Perrin Pleninger, MD)

2006-2007 Chief Resident, Neurology, UCLA, Los Angeles, CA.

2007-2009 Fellow, Behavioral Neurology and Neuropsychiatry, VA Greater Los Angeles and UCLA, Los Angeles, CA.
(Program Director: Mario Mendez, MD, PhD)

2009-2010 Advanced Fellow, Geriatric Neurology, VA Greater Los Angeles and UCLA, Los Angeles, CA.
(Program Director: Mario Mendez, MD, PhD)

LICENSURE

2003 California License Registration #A89326

BOARD CERTIFICATION

2010, 2020 United Council for Neurologic Subspecialties, Behavioral Neurology and Neuropsychiatry

2008, 2018 American Board of Psychiatry and Neurology, General Neurology

PROFESSIONAL EXPERIENCE

- 1994-1999 Research Assistant, Johns Hopkins School of Medicine, Division of Cognitive Neurology.
- 2007-2009 Clinical Instructor, UCLA, Department of Neurology.
- 2010-2014 Associate Physician, UCLA, Department of Neurology.
- 2014-2020 Associate Physician Diplomate, UCLA, Department of Neurology.
- 2015-2021 Principal Investigator/Director, UCLA California Alzheimer's Disease Center (CADC), Easton Center for Alzheimer's Disease Research, Department of Neurology.
- 2015-2017 Co-Director, Sidell-Kagan Alzheimer's Disease Treatment Development Program, Easton Center for Alzheimer's Disease Research, UCLA, Department of Neurology.
- 2017-2021 Director, Sidell-Kagan Alzheimer's Disease Treatment Development Program, Easton Center for Alzheimer's Disease Research, UCLA, Department of Neurology.
- 2020-2021 Health Sciences Associate Clinical Professor, UCLA, Department of Neurology
- 2021- Director, Neurobehavior Program, Cedars-Sinai Medical Center
Department of Neurology

PROFESSIONAL ACTIVITIES

Professional Association Membership

- 2004- American Academy of Neurology
- 2018- Society for Behavioral and Cognitive Neurology

University-based Committee Service

- 2006-2007 Member, UCLA Neurology Residency Training Committee
- 2013 Member, Alzheimer's Disease Research Center Grant Review Committee, Easton Center for Alzheimer's Disease Research at UCLA
- 2014-2021 Member, Improving Caregiving for Dementia (ICare-D) Steering Oversight Committee, Alzheimer's and Dementia Care Program, Department of Geriatrics.
- 2015 Member, Alzheimer's Risk Reduction Initiative (ARRI) Planning Committee, Alzheimer's and Dementia Care Program, Department of Geriatrics.

- 2016-2021 Member, Alzheimer's and Dementia Care Program Steering Committee, Department of Geriatrics.
- 2016-2021 Member, Clinical Research Advisory Committee, Department of Neurology.
- 2017-2021 Member, Clinical Neurogenomics Research Center Faculty Interaction Group, Department of Neurology.
- 2017-2021 Member, Biospecimen Resource Committee, Mary S. Easton Center for Alzheimer's Disease Research, Department of Neurology.
- 2019-2021 Member, CareConnect Committee, Department of Neurology.
- 2020-2021 Member, Ethnicity, Diversity and Inclusion Committee, Department of Neurology.

Community-Based Committee Service

- 2017- Advisory Board Member, Medical and Scientific Advisory Council, Alzheimer's Los Angeles.
- 2019- Advisory Board Member, Health System Advisory Group, Alzheimer's Los Angeles.

State-Based Committee Service

- 2016 California Alzheimer's Clinical Care Guideline Workgroup, Physician contributor. In collaboration with the California Department of Health and the Alzheimer's Association, California chapter. June 29, 2016. Los Angeles, CA.
- 2018-2019 California Alzheimer's Disease Centers Primary Care Initiative Taskforce. Goal: Develop tool to promote early evaluation and detection of dementia in the primary care setting. Funded by the California Department of Public Health, Alzheimer's Disease Program.

National-Based Committee Service

- 2016 "Communicating Mild Cognitive Impairment Diagnosis With And Without Amyloid Imaging". Physician contributor. Meeting funded by Clinical Agents of Change Grant, The American Federation of Aging, and the Hartford Foundation. (Josh Grill, PI). February 19, 2016. University of California, Irvine, Irvine, CA.

Community Service

- December 2015 Public lecture, "Research Participation: Why science needs you!", OASIS, Baldwin Hills, CA.

- February 2016 Guest speaker, “Ask the Doctor”, UCLA Easton Center Alzheimer’s Disease Caregiver Support Group, UCLA Easton Alzheimer’s Disease Research Center, Los Angeles, CA.
- May 2016 Public lecture, “Update on Alzheimer’s Disease Research”, Sherman Oaks Los Angeles Public Library, Los Angeles, CA.
- January 2017 Public lecture, “Alzheimer’s Disease Basics”, Alzheimer’s Awareness Day at Los Angeles Central Public Library, Los Angeles, CA.
- February 2017 Public lecture, “Update on Alzheimer’s Disease Research”, UCLA Health 50+ Lecture Series, OASIS at Westside Pavilion, Los Angeles, CA.
- February 2017 Guest speaker, “Alzheimer’s Disease Basics”, Chai Village, Temple Isaiah, Culver City, Los Angeles, CA.
- June 2017 Public lecture, “Alzheimer’s Disease Basics”, UCLA Community Health Program, Atria Tarzana, Tarzana, CA.
- June 2017 Guest speaker, “Ask the Doctor”, UCLA Easton Center Alzheimer’s Disease Caregiver Support Group, UCLA Easton Alzheimer’s Disease Research Center, Los Angeles, CA.
- October 2017 Invited speaker, “Treatment for Alzheimer’s Disease: Now and In the Future”, 20th Annual Sarnat Symposium, Los Angeles Jewish Home, Encino, CA.
- March 2018 Guest speaker, “Women and Healthy Brain Aging”, UCLA Women and Philanthropy, Toluca Lake, CA.
- April 2018 Invited speaker, “Alzheimer’s Disease Program”, presentation for the Medical Board of California in partnership with the California Department of Health, Los Angeles, CA.
- April 2019 Featured speaker, “Dementia and Community Education”, Awkward Story Podcast, <https://podcasts.apple.com/us/podcast/dementia-and-community-education/id1458168240?i=1000436849586>
- April 2019 Featured speaker, “Dementia and Research”, Awkward Story Podcast, <https://podcasts.apple.com/us/podcast/dementia-and-research/id1458168240?i=1000436939284>
- June 2019 Guest speaker, “Dementia and Clinical Trials”, presentation for Crenshaw Church of Christ, Leimert Park, Los Angeles, CA.

- June 2019 Invited speaker, “Research and Clinical Trials Update”, presentation for Family Day at OPICA Adult Day Program and Counseling Center, West Los Angeles, CA.
- June 2019 Featured expert, “Primary care providers should screen seniors for decline in memory and thinking skills”, article for Alzheimer’s Prevention Bulletin/Alzheimer’s Prevention Registry, published by Banner Alzheimer’s Institute, Phoenix, AZ.
<https://www.endalznow.org/news/primary-care-providers-should-screen-seniors-decline-memory-and-thinking-skills>
- Sep 2019 Guest speaker, “Dementia and Clinical Trials”, presentation for Hope in Christ Community Church, Compton, Los Angeles, CA.
- Oct 2019 Invited speaker, “Update on Alzheimer’s Disease”, presentation for Alzheimer’s Los Angeles Early Memory Loss Conference, Van Nuys, CA.
- Oct 2019 Speaker, “Alzheimer’s Research: What have we learned from trials, and where are we heading?”, Kagan Program Thank You Event, Los Angeles, CA.
- Oct 2019 Invited speaker, “Living a Healthy Brain Lifestyle”, presentation for UCLA 50+ Lecture Series, Santa Monica, CA.
- Oct 2019 Invited speaker, “¿Es demencia o es la enfermedad de Alzheimer?”, presentation for UCLA 50+ Lecture Series, Santa Monica, CA.
- Nov 2019 Moderator, “Turning Point” Movie Screening and Panel Discussion, Kagan Program and Bright Focus Foundation collaboration, UCLA, Los Angeles, CA.
- Oct 2020 Invited panelist and speaker, “Dementia and Clinical Trials”, presentation for the “New Approaches to Treating Alzheimer’s Disease” Ask the Expert Webinar series, sponsored by Kensington Senior Living, Los Angeles, CA.
- Jan 2021 Invited speaker, “New Breakthroughs in Alzheimer’s Disease Research”, Ask the Expert Webinar series, sponsored by Kensington Senior Living, Los Angeles, CA.

Journals, Ad hoc reviewer

- 2011- American Journal of Alzheimer's Disease and Other Dementias
2011- Brain

HONORS AND SPECIAL AWARDS

2018 Nomination, UCLA Exceptional Physician

RESEARCH GRANTS

Clinical Trials, Site Principal Investigator

- 2015-2021 Anti-Amyloid Treatment in Asymptomatic Alzheimer's Disease (A4 Study). Sponsor: Eli Lilly and Company. Collaborator: Alzheimer's Therapeutic Research Institute.
- 2015-2017 Effect of Passive Immunization on the Progression of Mild Alzheimer's Disease: Solanezumab (LY2062430) Versus Placebo. Sponsor: Eli Lilly and Company.
- 2015-2016 A Multicenter, Open label, Long-term Safety Extension of Phase II Studies ABE4869g and ABE4955g in Patients with Mild to Moderate Alzheimer's Disease. Sponsor: Genentech, Inc.
- 2015-2019 A Randomized, Double-Blind, Placebo-Controlled Multiple Dose Study to Assess the Safety, Tolerability, Pharmacokinetics, and Pharmacodynamics of BIIB037 in Subjects with Prodromal or Mild Alzheimer's Disease. Sponsor: Biogen Idec.
- 2015-2017 A Phase IIa Multi-Center Study of 18F-FDG PET, Safety, and Tolerability of AZD0530 in Mild Alzheimer's Disease. Sponsor: Yale University. Collaborator: Alzheimer's Therapeutic Research Institute.
- 2015-2017 A Phase III, Randomized, Placebo-Controlled, Parallel-Group, Double-blind Clinical Trial to Study the Efficacy and Safety of MK-8931 (SCH 900931) in Subjects with Amnesic Mild Cognitive Impairment Due to Alzheimer's Disease (Prodromal AD). Sponsor: Merck Sharpe & Dohme Corp.
- 2016-2019 A Phase III, Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Efficacy and Safety Study of Crenezumab in Patients With Prodromal to Mild Alzheimer's Disease. Sponsor: Hoffman-La Roche.
- 2016-2018 A Phase 3 Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Evaluate the Efficacy and Safety of Aducanumab (BIIB037) in Subjects with Early Alzheimer's Disease. Sponsor: Biogen.
- 2016-2018 Imaging Dementia-Evidence for Amyloid Scanning (IDEAS) Study: A Coverage With Evidence Development Longitudinal Cohort Study. Sponsor: American College of Radiology Imaging Network.

- 2017-2021 Nicotinamide as an Early Alzheimer's Disease Treatment (NEAT). Sponsor: University of California, Irvine; Alzheimer's Disease Cooperative Study.
- 2018-2019 SUVN-502 With Donepezil and Memantine for the Treatment of Moderate Alzheimer's Disease. Sponsor: SUVEN Life Sciences Limited.

Clinical Trials, Site Sub-Investigator

- 2014-2016 CERE-110-3 A double-blind, placebo-controlled (sham surgery), randomized, multicenter study evaluating CERE-110 gene delivery in subjects with mild to moderate Alzheimer's Disease. (Primary Investigator: Edmond Teng, MD, PhD). Sponsor: Alzheimer's Disease Cooperative Study (ADCS).
- 2018-2019 A Phase 3 Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Evaluate the Efficacy and Safety of Aducanumab (BIIB037) in Subjects with Early Alzheimer's Disease. (Principal Investigator: Maryam Beigi, MD). Sponsor: Biogen.
- 2018-2021 Phase 2 Study of BIIB092 in Participants with Early Alzheimer's Disease (TANGO). (Principal Investigator: Maryam Beigi, MD). Sponsor: Biogen.

Observational Studies, Site Principal Investigator

- 2015-2021 Longitudinal Evaluation of Amyloid Risk and Neurodegeneration (the LEARN study). Sponsor: Alzheimer's Therapeutic Research Institute.
- 2017-2018 Alzheimer's Disease Neuroimaging Initiative (ADNI3). Sponsor: Foundation for the National Institutes of Health.

Observational Studies, Site Sub-Investigator

- 2010-2011 Multidisciplinary Study of Social Behavior and Emotion in Frontotemporal Dementia (Primary Investigator: Mario Mendez, MD, PhD). Sponsor: National Institutes on Aging.
- 2010-2015 Dominantly Inherited Alzheimer Network (DIAN) study. (Primary Investigator: John Ringman, MS, MD). Sponsor: National Institute on Aging of the National Institutes of Health.
- 2010-2015 UCLA Alzheimer's Disease Center Longitudinal Study. (Primary Investigator: Jeffrey Cummings, MD) Sponsors: National Institute on Aging, Alzheimer's Disease Research Centers of California.
- 2018-2021 Alzheimer's Disease Neuroimaging Initiative (ADNI3). (Primary Investigator: Maryam Beigi, MD). Sponsor: Foundation for the National Institutes of Health.

Traditional Research Grants

April 1, 2011- March 31, 2013

Investigation of Extrapyrarnidal Signs in the Primary Progressive Aphasias. Role: Principal Investigator. Sponsor: NIA/UCLA Alzheimer's Disease Research Center, \$29,700 (P50 Pilot Grant Award# AG0016570).

October 30, 2015-June 30, 2018

Alzheimer's Disease Center of California at UCLA.
Role: Principal Investigator. Sponsor: California Department of Public Health - Alzheimer's Disease Program, \$845,401 (Award #12-19138).

November 1, 2017-June 30, 2019

Alzheimer's Disease Center of California at UCLA, Early Detection Project. Role: Principal Investigator. Sponsor: California Department of Public Health/Alzheimer's Disease Program, \$250,000 (Award #16-10834).

September 1, 2017-June 30, 2023

Mindfulness Meditation and Insomnia in Alzheimer Disease Caregivers: Inflammatory and Biological Aging Mechanisms. Role: Co-Investigator (PI: Michael Irwin, MD). Sponsor: National Institute on Aging, \$493,739 (Award # AG056424).

July 1, 2018-June 30, 2023

Alzheimer's Disease Center of California at UCLA.
Role: Principal Investigator. Sponsor: California Department of Public Health -Alzheimer's Disease Program, \$1,409,000 (Award #18-10200).

August 1, 2020-May 31, 2021

A Novel Mechanism for Helping Older Adults Discontinue Use of Sleeping Pills. Role: Sub-Investigator (PI: Constance Fung, MD). Sponsor: National Institute on Aging, \$313,764 (Award #3R01AG057929-03S1).

RESEARCH PROJECTS

Easton Center Registry, Principal Investigator:

Aug 19, 2015- March 1, 2021

UCLA Easton Alzheimer's Disease Center Potential Subject Pool.
Sponsor: None.

LECTURES AND PRESENTATIONS

Sep 2009 "Non-Alzheimer's Dementias", invited lecture, Mary S. Easton Center for Alzheimer's Disease Research at UCLA, Los Angeles, CA.

- May 2009 “Progressive logopenic aphasia vs progressive non-fluent aphasia: clinical differences and progression”, poster presentation, Alzheimer’s Disease Research Update Day, Los Angeles, CA.
- Dec 2009 “Primary Progressive Aphasia”, lecture at Neurology Grand Rounds, Greater Los Angeles VA, Los Angeles, CA.
- Oct 2010 “Update on the Frontotemporal Lobar Degenerations”, lecture at Geripsychiatry Grand Rounds, UCLA, Los Angeles, CA.
- Feb 2012 “Language Disorders”, lecture at Neurology Resident Neurobehavior Module, UCLA, Los Angeles, CA.
- Feb 2012 “Update on the Frontotemporal Lobar Degenerations”, lecture at Neurology Grand Rounds, Dartmouth Hitchcock Medical Center, Lebanon, NH.
- Sep 2012 “Approach to the patient with a language disorder”, lecture at Neurobehavior Seminar, VA Greater Los Angeles, Los Angeles, CA.
- March 2013 “Extrapyramidal Signs in Primary Progressive Aphasia: Analyses of the NACC UDS Cohort”, poster presentation at the American Academy of Neurology, San Diego, CA.
- March 2013 “Prosody”, lecture at Neurology Resident Neurobehavior Module, UCLA, Los Angeles, CA.
- May 2013 “Alexia”, lecture at Neurobehavior Seminar, Greater Los Angeles VA, Los Angeles, CA.
- Dec 2013 “Apraxia of Speech”, lecture at Neurobehavior Seminar, Greater Los Angeles VA, Los Angeles, CA.
- April 2014 “Primary Progressive Aphasia”, lecture at Neurology Resident Neurobehavior Module, UCLA, Los Angeles, CA.
- Oct 2014 “Clinicopathological Conference”, invited discussant for Neurology Grand Rounds, UCLA, Los Angeles, CA.
- Feb 2015 “Update on Language and its Disorders”, lecture at Neurology Resident Neurobehavior Module, UCLA, Los Angeles, CA.
- March 2016 “Dementia with Lewy Bodies”, lecture for UCLA Health Webinar, https://www.youtube.com/watch?v=jMBPHQ0FV_Q, March, 2016.

- May 2016 “Motion and Depth Perception”, lecture at Neurobehavior Seminar, Greater Los Angeles VA, Los Angeles, CA.
- Sept 2016 “Pharmacological Treatment Across Dementia Syndromes”, invited speaker at the 33rd UCLA Intensive Course in Geriatric Medicine, Los Angeles, CA.
- Feb 2017 “Visual Agnosia”, lecture at Neurology Resident Neurobehavior Module, UCLA, Los Angeles, CA.
- April 2017 “A-beta Immunotherapy in Alzheimer’s Disease”, lecture for Neurology and Psychiatry faculty and staff, UCLA, Los Angeles, CA.
- May 2017 “Cognitive Evaluation Primer for Primary Care Providers”, lecture for first year UCLA nurse practitioner students (Assessment and Management in Adult Healthcare – Core Curriculum class), School of Nursing, UCLA, Los Angeles, CA.
- July 2017 “A Field Guide to the Common Dementias”, guest lecturer, UCLA School of Medicine, MSTAR (Medical Student Training In Aging Research) Program, UCLA School of Medicine, Los Angeles, CA.
- Sept 2017 “Pharmacological Treatment Across Dementia Syndromes”, invited speaker at the 34th UCLA Intensive Course in Geriatric Medicine, Los Angeles, CA.
- Feb 2018 “Language Disorders”, lecture at Neurology Resident Neurobehavior Module, UCLA, Los Angeles, CA.
- May 2018 “California Alzheimer’s Clinical Care Guideline: A Family Centered Approach to Care”, invited speaker at the California Dementia Healthcare Summit, The California Endowment, Los Angeles, CA.
- May 2018 “Cognitive Evaluation Primer for Primary Care Providers”, lecture for first year UCLA nurse practitioner students (Assessment and Management in Adult Healthcare – Core Curriculum class), School of Nursing, UCLA, Los Angeles, CA.
- Sept 2018 “Pharmacological Treatment Across Dementia Syndromes”, invited speaker at the 35th UCLA Intensive Course in Geriatric Medicine, Los Angeles, CA.
- May 2019 “Primary Progressive Aphasia”, lecture at Neurology Resident Neurobehavior Module, UCLA, Los Angeles, CA.

- June 2019 “A Field Guide to the Common Dementias”, guest lecturer, UCLA School of Medicine, MSTAR (Medical Student Training In Aging Research) Program, UCLA School of Medicine, Los Angeles, CA.
- June 2019 “Cognitive Evaluation Primer for Primary Care Providers”, lecture for first year UCLA nurse practitioner students (Assessment and Management in Adult Healthcare – Core Curriculum class), School of Nursing, UCLA, Los Angeles, CA.
- Sep 2019 “Pharmacological Treatment Across Dementia Syndromes”, invited speaker at the 36th UCLA Intensive Course in Geriatric Medicine, Los Angeles, CA.
- Dec 2019 “Overview of the 12th Clinical Trials on Alzheimer’s Disease (CTAD) Conference”, invited speaker, Dementia Colloquium, UCLA Department of Neurology, Los Angeles, CA.
- Dec 2019 “Overview of Clinical Trials in Alzheimer’s Disease”, lecture at Neurobehavior Seminar, VA Greater Los Angeles, Los Angeles, CA.
- Jan 2020 “Update on Alzheimer’s Research and Clinical Trials”, invited speaker at Grand Rounds, Division of Geriatric Medicine, UCLA, Los Angeles, CA.
- May 2020 “Alzheimer’s Disease and Dementia”, lecture for Sidell-Kagan Clinical Trials Training Session, UCLA Department of Neurology, Los Angeles, CA.
- May 2020 “Assessment of Cognitive Complaint for Alzheimer’s Disease Toolkit (ACCT-AD)”, invited speaker at Neurology Seminar, Department of Neurology, University of Southern California, Los Angeles, CA.
- May 2020 “Cognitive Evaluation Primer for Primary Care Providers”, lecture for first year UCLA nurse practitioner students (Assessment and Management in Adult Healthcare – Core Curriculum class), School of Nursing, UCLA, Los Angeles, CA.
- June 2020 “Primary Progressive Aphasia”, lecture at Neurology Resident Neurobehavior Module, UCLA, Los Angeles, CA.
- June 2020 Invited panelist, Overcoming Bottlenecks in Alzheimer’s Disease Clinical Trials Advisory Panel, USC Schaeffer Center and Gates Ventures, Los Angeles, CA.
- July 2020 “A Field Guide to the Common Dementias”, guest lecturer, UCLA School of Medicine, MSTAR (Medical Student Training In Aging Research) Program, UCLA School of Medicine, Los Angeles, CA.

- Sep 2020 “Frontotemporal Dementia and the Primary Progressive Aphasias”, invited speaker, Department of Neurology, Cedars-Sinai Medical Center, Los Angeles, CA.
- Feb 2021 “Dementia: A Programmatic and Clinical Overview”, lecture, Neurology Resident Didactics, Cedars-Sinai Medical Center, Los Angeles, CA.

Report of Teaching:

- 2010- Lecturer, Neurobehavior Module, Neurology Resident Didactics, UCLA. Service time: 1 presentation/year.
- 2010-2017 Lecturer, Behavioral Neurology and Neuropsychiatry Fellowship Program. VA Greater Los Angeles Healthcare System. Duties: Teaching/presenting in weekly BNNP Cognitive Seminar. Service time: 2 presentations/year.
- 2011 Guest Clinical Discussant, Medical School Block 8 Clinicopathological Conference for second year medical students, UCLA Geffen School of Medicine. Led MSII students through dementia clinical vignettes, with discussion of signs, symptoms, formulation of differential diagnosis, and likely diagnoses of cases.
- 2013-2014 Attending neurologist, Behavioral Neurology Clinic, UCLA Neurological Services. Duties: Supervising neurobehavior fellows in assessment of new patient referrals, treatment of follow up patients. Teaching/presenting at Behavioral Neurology Clinic Conference to neurobehavior and geropsychiatry fellows, neuropsychology trainees, medical students, visiting physicians. Service time: 1 clinic/month.
- 2016-2018 Attending neurologist, Alzheimer’s and Dementia Care Program (ADC), Monthly Case Consult Meeting, UCLA Department of Geriatrics. Duties: Teaching and case discussion with ADC program nurse practitioners. In collaboration with Zaldy Tan, MD, MPH (UCLA Department of Geriatrics) and David Merrill, MD, PhD (UCLA Department of Psychiatry).
- 2016-2021 Seminar Coordinator, Dementia Colloquium, Mary S. Easton Center for Alzheimer’s Disease Research at UCLA, Department of Neurology. Monthly academic conference forum for research and clinical presentations on topics related to Alzheimer’s disease and other dementias. Seminars open to students, trainees, and faculty across all academic disciplines.
- 2016- Lecturer, Neurology and Psychiatry section, (Therapeutics across the Dementia Spectrum), UCLA Intensive Course in Geriatric Medicine and Board Review.

- 2016- Board Review Session Leader, Neurology and Psychiatry, UCLA Intensive Course in Geriatric Medicine and Board Review, 1 session/year.
- 2017- Lecturer, Adult/Gerontology Primary Healthcare for Advanced Practice Registered Nurses II, Course N239B, UCLA School of Nursing. Service time: 1 lecture/year.
- 2017- Lecturer, MSTAR (Medical Student Training In Aging Research) Program, UCLA School of Medicine, Department of Geriatrics. Service time: 1 lecture/year.
- 2018 - Course Chair, Neurology and Psychiatry, UCLA Annual Intensive Course in Geriatric Medicine and Board Review.

Clinical Rotation Preceptor

- Adult/Gerontology Primary Care Nurse Practitioner Practicum, Course 439D
- 2019 Yasamin Banihashemi, 3rd year nurse practitioner student, January-March.
- 2019 Elsa Peña-Flores, 3rd year nurse practitioner student, March-June.

MSIII Neurology Clerkship

- 2020 Jessica Osorio, MPH, MA

Mentor

- 2019-2020 Lauren Garcia, MPH candidate, George Washington University, Practicum: The Use of Mindfulness in the African American Community: Outreach Event Design and Qualitative Measurement of Educational Impact. [completed MPH; matriculating PhD Candidate Fall 2021]
- 2019-2020 Oleg Yerstein, MD, Neurobehavior Fellow, UCLA/Greater Los Angeles VAMC. Clinical Trials training. [currently Director, Center for Memory and Cognitive Disorders at Beth Israel Lahey Health, Massachusetts]
- 2019-2021 Jessica Pasqua, MD, Neurology Resident, UCLA.

CLINICAL ACTIVITIES

- 2021- Clinical neurologist, Alzheimer's and Memory Clinic, Jona Goldrich Center for Alzheimer's and Memory Disorders, Cedars-Sinai Medical Center, Department of Neurology. Duties: Evaluation and treatment of memory, language, and other cognitive disorders. Expertise: Performing extended neurobehavioral battery, language evaluations. Service time: 1.5 days/week in private clinic, resident clinic, and multidisciplinary memory disorders clinic; 4 weeks inpatient service/year.
- 2010-2021 Clinical neurologist, Dementia and Memory Disorders Clinic, UCLA Neurological Services. Duties: Evaluation and treatment of memory,

language, and other cognitive disorders. Expertise: Performing extended neurobehavioral battery, language evaluations. Service time: 1 half-day/week.

2016-2018 Clinical neurologist, Geriatric Neurology Clinic, UCLA Department of Geriatrics. Duties: Treatment of patients with dementia previously seen by me in Dementia and Memory Disorders Clinic, and enrolled in the UCLA Department of Geriatrics Alzheimer's and Dementia Care Program. Patients and their families were scheduled into this clinic for matters requiring specialized coordinated care by neurologist and Dementia Care Program nurse practitioner. Service time: 1 half day/month, approx. 24 patient visits/year.

PUBLICATIONS/BIBLIOGRAPHY

Research Papers-Peer Reviewed

1. Tanaka J, Giles M, **Kremen S**, Simon V. Mapping attractor fields in face space: the atypicality bias in face recognition. *Cognition*. 1998 68:199-220. (data collection and manuscript)
2. Deibert E, Kraut M, **Kremen S**, Hart J Jr. Neural pathways in tactile object recognition. *Neurology*. 1999 52:1413-1417. (project design, data collection, and manuscript)
3. Deibert EM, Edwards DF, Hart J Jr, Krupp J, Ball C, **Kremen S**, et al. Development of a bedside cognitive scale for acutely ill neurology/neurosurgery patients. *Neurology*. 1999 52:1413-1417. (project design and manuscript)
4. Hart J Jr, **Kremen S**, Segal JB, Kraut MA. Object activation via feature binding in the semantic system using fMRI. *Neurology*. 2000 54(7Supp 3), A310-311. (data collection and manuscript)
5. Hart J Jr, Kraut M, **Kremen S**, Soher B, Gordon B. Neural substrates of orthographic lexical access as demonstrated by functional brain imaging. *Neuropsychiatry Neuropsychol Beh Neurol*. 2000 13:1-7. (data collection and manuscript)
6. Kraut MA, **Kremen S**, Segal JB, Calhoun V, Moo L, Hart J Jr. Object activation from features in the semantic system. *J Cognitive Neurosci*. 2002 14(1): 24-36. (data collection)
7. Kraut MA, **Kremen S**, Moo L, Segal JB, Calhoun V, Hart J Jr. Object activation in semantic memory from visual multimodal feature input. *J Cognitive Neurosci*. 2002 14(1):37-47. (data collection)

8. **Kremen SA**, Wu MN, Ovbiagele B. Hemopericardium following intravenous thrombolysis for acute ischemic stroke. *Cerebrovasc Dis*. 2005 20(6):478-479.
9. Fogel B, Wu M, **Kremen S**, Murthy K, Jackson G, Vanek Z. Creutzfeldt-Jacob Disease presenting with alien limb sign. *Mov Disord*. 2006 21(7):1040-1050. (collection and manuscript)
10. **Kremen SA**, Solis OE, Shapira JS, Vinters HV, Mendez MF. Fantastic thinking in pathologically proven Pick's Disease. *Cogn Behav Neurol*. 2010 23(2):130-134.
11. Mendez MF, **Kremen SA**, Tsai P-H, Shapira JS. Intrahemispheric differences in animal knowledge among patients with semantic dementia. *Cogn Behav Neurol*. 2010 23(4):240-246. (discussions in the development of the paper)
12. **Kremen SA**, Mendez MF, Tsai PH, Teng E. Extrapyrimal signs in the primary progressive aphasia. *Am J Alzheimers Dis Other Demen*. 2011 26(1):72-77.
13. Mendez MF, Fras IA, **Kremen SA**, Tsai PH. False reports from patients with frontotemporal dementia: delusions or confabulations? *Behav Neurol*. 2011 24(3):237-244. (discussions and research related to the topic)
14. Mendez MF, Fong S, Jimenez E, Kaiser N, **Kremen SA**, Shapira JS, Tsai PH. Observation of social behavior in frontotemporal dementia. *Am J Alzheimers Dis Other Demen*. 2014 29(3):215-21. (data review)
15. Ringman JM, Liang LJ, Zhou Y, Vangala S, Teng E, **Kremen S**, et al. Early behavioral changes in familial Alzheimer's disease in the Dominantly Inherited Alzheimer Network. *Brain* 2015 138:1036-1045. (data collection)
16. Apostolova LG, Haider JM, Goukasian N, Rabinovici GD, Chételat G, Ringman JM, **Kremen S**, et al. Critical review of the Appropriate Use Criteria for amyloid imaging: Effect on diagnosis and patient care. *Alzheimers Demen(Amst)*. 2016 5:15-22. (data collection)
17. Grill J, Cox C, **Kremen S**, Mendez M, Teng E, Shapira S, Ringman J, Apostolova L. Patient and caregiver reactions to clinical amyloid imaging. *Alzheimers Dement*, 2017 13:924-932. (data collection and data analysis)
18. Moheb N, Mendez MF, **Kremen SA**, Teng E. Instrumental activities of daily living in clinical subtypes of frontotemporal dementia. *Dement Geriatr Cogn Disord*. 2017 43:89-99. (development of paper)
19. Zhou Y, Elashoff D, **Kremen S**, Teng E, Karlawish J, Grill J. African Americans are less likely to enroll in preclinical Alzheimer's disease clinical trials.

Alzheimer's & Dementia: Translational Research & Clinical Interventions. 2017 3:57-64. (data analysis)

20. Grill J, Apostolova L, Bullain S, Burns J, Cox C, Dick M, Hartley D, Kawas C, **Kremen S**, et al. Communicating Mild Cognitive Impairment diagnoses with and without amyloid imaging. *Alzheimer's Research and Therapy*. 2017 9:35 DOI 10.1186/s13195-017-0261-y. (ideas presented in manuscript)

Research Papers - Non-Peer Reviewed

1. Alzheimer's Clinical Care Guideline (State of California), Published by the Alzheimer's Association, March, 2017. (Contributing author).

Chapters and Manuals

1. **Kremen S**, Shaw S. UCLA Neurology Housestaff Handbook 2005-2006.
Kremen S, Shaw S. UCLA Neurology Housestaff Handbook 2006-2007.
2. Mendez MF, **Kremen SA**. "Delirium", in *Neurology in Clinical Practice* 6th ed., In Mazziotta J. (Ed.), 2012. (contributed to writing and editing manuscript).
3. Tan Z, **Kremen SA**. The Importance of Improving Early Diagnosis in Alzheimer Disease. On-line CME monograph (MyCME.com) produced with Postgraduate Institute for Medicine and MedEdicus, March, 2017. (contributed to content and editing manuscript).
4. "Assessment of Cognitive Complaints Toolkit for Alzheimer's Disease" and "Assessment of Cognitive Complaints Toolkit for Alzheimer's Disease Instruction Manual". Published by the California Department of Health, Chronic Disease Branch. Collaborative project of the 10 California Alzheimer's Disease Centers (CADCs) funded by California SB833. (contributed to design, content, and editing of manuscript. Taskforce member and contributing author). May, 2018.

Toolkit:<https://www.cdph.ca.gov/Programs/CCDPHP/DCDIC/CDCB/CDPH%20Document%20Library/Alzheimers%20Disease%20Program/ACCT-AD%20Toolkit%2012%2027%2018.pdf> (Toolkit)

Toolkit Instruction Manual:

<https://www.cdph.ca.gov/Programs/CCDPHP/DCDIC/CDCB/CDPH%20Document%20Library/Alzheimers%20Disease%20Program/ACCT-AD%20Manual%2012%2027%2018.pdf> (Manual)

5. **Kremen, S**. "Current Approaches to the Diagnosis of Dementia". Web module in: The Dementia Care Specialist Curriculum, Unit A: Approach to Dementia Care Management. Web program funded through a John A. Hartford Foundation Grant entitled "Dissemination of a Comprehensive Care Program for Patients and their Caregivers Planning Grant" awarded to the UCLA Alzheimer's and Dementia Care Program. Published by the Gerontological Advanced Practice Nurses

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Chapters (In Press)

None.

Chapters (Submitted)

None.

Reviews:

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Editorials:

None.

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None.

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