



California Initiative to Advance
Precision Medicine

California Precision Medicine Advisory Council Meeting Summary, December 16, 2024

Virtual Meeting

1215 O Street, 11th Floor, California Health and Human Services Agency | Sacramento, CA 95814 US

Opening Remarks from the Chair and Vice Chair

Clara Lajonchere, PhD, Chair

- On November 14, CIAPM formally announced its partnership with the NIH *All of Us* Research Program and CIAPM staff have been scaling up plans and opportunities for collaborative and representative research.
- Depression research projects began in October or December, and all three funded study investigators are looking for opportunities for synergy across the CIAPM network.
- On December 6, CIAPM hosted its Adverse Childhood Experiences (ACEs) Symposium during which all the funded ACEs lead Principal Investigators shared their experiences and initial findings and the new Depression PIs participated as well.

Keith Yamamoto, PhD, Vice Chair

- Nationally, there are ongoing conversations about scientific enterprises that are federally-funded and the direction these efforts will take in the upcoming years. This national discourse underscores the importance of CIAPM and their efforts to move precision medicine forward and also raises questions and brainstorming about how the scientific, research, and medical community should be responding to these concerns.
- Examples of other activities in the state and nation that are conducting work and initiatives in the precision medicine field:
 - PMWC – annual meeting in Silicon Valley that focuses on all elements relating to precision medicine
 - Success in a precision medicine approach depends on participation, thinking, and collaboration from multiple sectors spanning across academia, patient advocacy, private industry, government, and philanthropy. The agenda of PMWC covers multiple fronts and attracts attendees representing various sectors.
 - Vision for American Science and Technology (VAST) Action Committee came together in September to invite leaders across society to think about American science and technology and the need for resources across the community and federal government.
 - The VAST group is preparing a report that will go to policy makers and the presidential transition team who will be setting federal

policy that supports and focuses on science and technology, health, and medicine. One portion of this report will be public-facing and available in February 2025.

- Coalition for Life Sciences (CLS) is spending time in Washington talking to members of Congress about candidates who have been put forth for health agencies who have concerning backgrounds that will impact public agencies.

Updates from the Governor's Cabinet

Richard Figueroa, MBA, Deputy Cabinet Secretary

- California is very reliant on federal dollars for MediCal programs. Medicaid covers 37% of the California population, over \$150 billion program. Council Members are encouraged to connect with CA cabinet on policy and advocacy efforts.
- Fiscal situation for this year is better than last year, but expenditure information is not up to date yet. State budget will be announced January 10, 2025 and can expect further updates in the next council meeting and in May.

Administrative Business

Previous Meeting Summary (October 30, 2024)

Keith: Motion to approve the meeting summary

Hala: Second the motion

No oppositions, the motion passes

Major Program Updates

1) Team updates

- The CIAPM team is revisiting the draft mission statement based on Council feedback.
- Policy fellow, Dr. Hanna Butler-Struben, graduated and transitioned out.
- Two student assistants have been hired through UEI, to start in January 2025.
- David Reiner, PhD has a new role as Chief Science Officer, and Saga Barberis has a new role as Program Officer, after undergoing civil service transition.

2) Maintaining and Expanding the CIAPM Network

CIAPM is involved in several ongoing activities to maintain our networks in the precision medicine enterprise

- California Institute of Regenerative Medicine (CIRM) – engaging with their team to connect soon
- Government-University-Industry Research Roundtable (GUIPRR) – looking into how to connect governmental efforts across agencies
- Precision Medicine World Conference (PMWC) – CIAPM to attend in 2025 and staff a booth
- Pediatric Academic Societies – CIAPM-funded ACEs investigators will collectively host a roundtable at the conference in April 2025

- Continue to investigate additional meetings for future CIAPM attendance. E.g., Personalized Medicine Coalition in November 2025 in Dana Point, CA.
- Revisiting CIAPM's Equitable Consent Framework webpage
 - Updated link on new CIAPM website hosted within CHHS agency
 - Initial ideas for feedback the Council on webpage is to include videos, share images on social media where patients are more likely to engage with content, and share the resources with veteran community researchers.
 - CIAPM staff continuing to accept offline suggestions and feedback on Equitable Consent webpage from council members

Communications Updates

1. NIH *All of Us* Partnership – shared press release between CIAPM and NIH in November
 - Press release shared with CIAPM list-serv and curated list of press contacts
 - Welcoming input from council members on additional press contacts or media engagement partners
 - Press release is published on CalHHS website, LinkedIn, and Twitter/X
 - NIH release on Twitter/X, webpage, and curated list of their media partners
 - CIAPM still learning effective communication strategies from NIH team
2. PMWC – CIAPM will be staffing a booth in the exhibition hall
 - Sharing a list of presenters from our network on next newsletter
 - Working on one-pagers of CIAPM portfolios, working with NIH on vanity links for CIAPM program and securing an updated NIH asset as a tri-fold brochure
 - Soliciting council members on feedback on who to connect with at the conference
3. Website – now hosted on CalHHS website
 - Web team at CalHHS published CIAPM website: <https://ciapm.chhs.ca.gov>.
 - OPR/LCI link still active but forthcoming updates will be made on CHHS site
 - Any additional updates that were held off previously are now of higher priority to update
 - Next steps: website audit for functionality & completeness
 - Back-track intermediate updates made to LCI/OPR site since the page was imaged on 8/2024
 - Remaining updates (including Council Member Bios!)
4. Newsletter
 - *All of Us* partnership mentioned on 12/13, along with August Southern California Consortium visit
5. LinkedIn – launched first post under CalHHS on hiring new student interns
6. 2023 Annual Report in its final stages of writing and will be published under OPR/LCI since it is reflective of work under that office
7. Cancer Evaluation Report draft in progress with estimated completion in early 2025
8. Showcasing new council members on website with biographies in narrative format

- Council encouraged dialogue for potential ways council members can share program updates with their networks (e.g., via LinkedIn)

Demonstration Projects Updates

1. ACEs: 7 projects anticipated completion May 2025-March 2026
 - ACEs Research Symposium was on December 6, 2024 during which investigators presented on their progress and preliminary findings
 - 3 ACEs teams recently published papers as a result of their CIAPM-supported work
 - Children's Hospital of Los Angeles: A method for measuring mitochondrial DNA copy number in pediatric populations. *Front. Pediatr.* 2024
 - UCLA: California Stress, Trauma, and Resilience Study (CalSTARS) protocol: A multiomics-based cross-sectional investigation and randomized controlled trial to elucidate the biology of ACEs and test a precision intervention for reducing stress and enhancing resilience. *Stress.* 2024.
 - UC Irvine: Individual longitudinal changes in DNA-methylome identify signatures of early-life adversity and correlate with later outcome. *Neurobiol Stress.* 2024.
 - Investigators are encouraged to work together to pursue a bigger grant
 - Future efforts should include talking to philanthropic partners who are interested in supporting this research space similar to research funding
 - Council recommends opening up conversation about how these CIAPM-funded investigators can pursue support that builds on findings from CIAPM-funded work
 - Discussion on eventual evaluation report of ACEs projects to encourage government to think about longitudinal funding
 - Communications recommends those takeaway lessons as central to forthcoming evaluation report.
2. Current Grantees Meeting
 - Plans are being made to hold a 'Current Grantee Meeting' bringing CIAPM-funded ACEs and Depression research teams together, ~March-May 2025
 - After polling Depression and ACEs PIs, there is interest in the following themes for that meeting:
 - Lessons learned in community engagement and recruitment strategies
 - How to engage and communicate with broader public and policy audiences
 - Connections between research, community, and policy
 - Opportunities to hear from people with lived experiences
 - CIAPM is exploring potential additions to the meeting including: keynote speaker, dissemination plan to community, contributions to community, sustainability plan, engaging community members and the public in attending the event, and aligning the all-grantee meeting with the Q2 Council Meeting to leverage council attendance and expertise.

Public Comment

No public comments.

Closed Session: Representative Research Collaborative

No action was taken.

Closing Comments

CIAPM welcomes feedback from current and new Advisory council on ways to better design Advisory Council meetings that fully leverages member's expertise and further CIAPM goals.

Meeting adjourned and Council will reconvene in Q1 2025.