

## Practice to Research and System Improvement: Recent studies from Hawaii's System of Care

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This presentation will briefly describe a now 10 year old University of Hawaii, Department of psychology and State of Hawaii, Department of Health, Child and Adolescent Mental Health Division (CAMHD) behavioral health science evaluation and service learning collaborative. This collaborative provides evaluation services to the CAMHD system, trains psychology graduate students in systems leadership through an advanced practicum and conducts scientifically sound studies for knowledge development. Mission, values, goals, structures, funding and products of the collaborative will be described. Then, a review of studies focused broadly on state-wide intensive-in-home (IIH) services and primarily relying on the mandatory therapist-reported Monthly Treatment Progress Summary (MTPS) will be presented (N-sizes ranging from 300 to 800 per study), including findings not presented elsewhere. Accumulated research on the reliability and validity of the MTPS will be described. Then studies that describe the practices of IIH therapists will be presented, including what specific practices (e.g. training in parental command, relaxation, cognitive coping) are applied, to what extent these practices are consistent with the evidence-based literature, how these practices are organized (mostly into three inter-related domains of behavior modification, coping/self care, and family work) and who engages in what practices. Studies that address what treatment targets are chosen (e.g. aggression, suicide, anger, anxiety), how targets are organized (into five factors that roughly map onto subcategories of externalizing and internalizing problems), and which targets make faster or greater progress will also be described. How these therapists' choices differ in IIH and Multi-systemic Therapy (MST), a comparable empirically supported treatment, how youth diagnoses affect (and do not affect) therapist choices and how specific combinations of practices and targets predict youth outcomes (functional status, treatment progress and future services) will then be presented.

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