

CURRICULUM VITAE
ELIZABETH C. MCFARLANE

EDUCATION

PhD	2006	University of Hawaii	Educational Psychology
MPH	1993	University of Hawaii-Manoa	International Health
BA	1991	University of Colorado- Boulder	Kinesiology

PROFESSIONAL EXPERIENCE

Associate Scientist, Department of Family, Population and Reproductive Health
Johns Hopkins University Bloomberg School of Public Health
2013-present

Associate Professor, Office of Public Health Studies
University of Hawaii School of Medicine
2012 – present

Part-Time Faculty, Department of Pediatrics
Johns Hopkins University School of Medicine (variable FTE)
2000-present

Assistant Professor, Department of Pediatrics
University of Hawaii School of Medicine (variable FTE)
2007-present

Lecturer, Department of Educational Psychology
University of Hawaii College of Education
2004-2013

Senior Research Program Coordinator, Department of Pediatrics
Johns Hopkins University School of Medicine
2000-2013

Research Fieldwork Director
Hawaii Medical Association
1994-2000

Child Abuse & Neglect Prevention Planner IV
Hawaii Department of Health
1993-1994

Graduate Research Assistant
University of Hawaii School of Public Health
1991-1993

Undergraduate Research Assistant, Office of Research & Testing
University of Colorado Boulder
1985-1990

SELECTED PROFESSIONAL ACTIVITIES

Member, Best Practices Project, Division of Violence Prevention at the Centers for Disease Control & Prevention, 2000

Member, Good Beginnings Alliance – State of Hawaii Early Education and Care Initiative, Research and Evaluation Group, 2000-2002

Reviewer, Panel for Youth Violence & Suicide Prevention, Division of Violence Prevention Centers for Disease Control & Prevention, 2000

Member, National Advisory Council on Violence Against Women: Task Force Meeting, The Center for Effective Public Policy, 2001-2002

Early Intervention Services Outcomes Measurement Design Team, Hawaii Department of Health, 2005-2006

Member, Hawaii Family Support Institute, Child Abuse and Neglect Prevention and Intervention, 2006-present

Member, Evidenced Based Prevention in Children's Mental Health, Hawaii Department of Health & University of Hawaii Department of Psychology, 2006-2007

Evaluator, Hawaii Community College - Native Hawaiian Education Programs, 2006

Membership in Professional Societies: Academic Pediatric Association, American Public Health Association, Society for Prevention Research, Society for Research in Child Development, American Psychological Association

EDITORIAL ACTIVITIES

Peer Review Activities:

Reviewer for: PubMed Central, PLOS One, *Pediatrics*, *Child Maltreatment Review*; *Child Abuse & Neglect*; *Prevention Science*; *Academic Pediatrics*; *Hulili – Journal of Native Hawaiian Well-being*,

HONORS AND AWARDS

Pro Humanitate Medal, Herbert A. Raskin Child Welfare Article Award, Center for Child Welfare Policy of the North American Resource Center for Child Welfare, 2005.

PUBLICATIONS

Books/Monographs:

Duggan AK, **McFarlane EY**, Windham AM, Salkever D, Rohde C, Rosenberg L, Buchbinder S, Fuddy L and Sia C. Evaluation of Hawaii's Healthy Start Program. In: *The Future of Children: Home Visiting, Recent Program Evaluations*. 1999; 9(1):66-90.

Journal Articles:

- Hipp, S., Carlson, A. & **McFarlane, E.** Improving Reproductive Life Planning in Hawai'i: One Key Question®. *Hawaii Journal of Medicine and Public Health*, 2017;76(9):261-264.
- McFarlane, E.**, Burrell, L., Duggan, A. and Tandon, D. Outcomes of a randomized trial of a cognitive behavioral enhancement to address maternal distress in home visited mothers. *Maternal and Child Health Journal*, 2016: pp.1-10.
- Herman, K.C., Cohen, D., Owens, S., Latimore, T., Reinke, W.M., Burrell, L., **McFarlane, E.** and Duggan, A., 2016. Language delays and child depressive symptoms: The role of early stimulation in the home. *Prevention Science*, pp.1-11.
- Bair-Merritt MH, Ghazarian S, Burrell L, Crowne SS, **McFarlane E**, Duggan A. Understanding how intimate partner violence impacts school age children's internalizing and externalizing problem behaviors: A secondary analysis of Hawaii Healthy Start Program evaluation data. *Journal of Child & Adolescent Trauma*. 2015; 8 (4)
- McFarlane, E.**, Kahili, A. and Johnson, J. Bridging the research to practice gap to prevent maternal stress and depression. *Hawaii Journal of Medicine & Public Health*, 2014; 73 (6), 195-196.
- McFarlane, E.**, Crowne, S. S., Burrell, L., & Duggan, A. Home visiting service delivery and outcomes for depressed mothers. *Zero to Three*, 2014; 34 (5), 53–60.
- Cluxton-Keller F, Burrell L, Crowne S, **McFarlane E**, Tandon S, Leaf P.J. and Duggan A. Maternal relationship insecurity and depressive symptoms as moderators of home visiting impacts on child outcomes. *Journal of Child and Family Studies* 2014: DOI 10.1007/s10826-013-9799-x.
- McFarlane E**, Burrell L, Crowne S, Cluxton-Keller F, Fuddy L, Leaf P. and Duggan A. Maternal relationship security as a moderator of home visiting impacts on maternal psychosocial functioning. *Prevention Science* 2013: 10.1007/s11121-012-0297-y.
- Crowne S, Gonsalves K, Burrell L, **McFarlane E**, and Duggan A. Relationship between birth spacing, child maltreatment, and child behavior and development outcomes among at-risk families. *Maternal and Child Health Journal* 2011: 1-8.
- Crowne SS, Juon H, Ensminger M, Burrell L, **McFarlane E**, and Duggan A. Concurrent and long term impact of intimate partner violence on employment stability. *Journal of Interpersonal Violence* 2011; 26(6):1282-304.
- McFarlane E**, Dodge R, Burrell L, Crowne S, Cheng T, and Duggan A. The Importance of Early Parenting in At-Risk Families and Children's Social-Emotional Adaptation to School *Academic Pediatrics*. 2010: 10(5):330-7.
- McFarlane E**, Burrell L, Tandon D, Derauf D, Fuddy L, Leaf P, and Duggan A. Association of home visitors and mothers attachment style with family engagement. *Journal of Community Psychology*. 2010; 38(5):541-556.
- Bair-Merritt MH, Jennings JM, Chen R, Burrell L, **McFarlane E**, Fuddy L, and Duggan A. Reducing maternal intimate partner violence after the birth of a child. *Archives of Pediatrics and Adolescent Medicine*. 2010;164(1):16-23.

- Ta V, Juon, H, Gielen, A., Steinwachs, D. **McFarlane E**, and Duggan A. A longitudinal analysis of depressive symptoms among Asian and Pacific Islander mothers at-risk for child maltreatment. *Community Mental Health Journal* 2009. 45(1): 42-55.
- Burrell L, **McFarlane E**, Tandon D, Fuddy L, Leaf P, and Duggan A. Home visitor relationship security: Association with perceptions of work, satisfaction, and turnover. *Journal of Human Behavior in the Social Environment* 2009. 19; 592-610.
- Stone, KE, Burrell, L, Higman, SM, **McFarlane, E**, Fuddy, F, Sia, C and Duggan, AK. Agreement of injury reporting between primary care medical record and maternal interview for children aged 0-3 Years: Implications for research and clinical care. *Ambulatory Pediatrics* 2006. 6; (2) 91-95.
- King TM, Rosenberg LA, Fuddy L, **McFarlane E**, Sia C, and Duggan AK. Prevalence and Early Identification of Language Delays Among At-risk Three-Year Olds. *Journal of Developmental and Behavioral Pediatrics* 2005 (4):293-303.
- Nelson CS, Higman S, Sia C, **McFarlane E**, Fuddy L and Duggan AK. Medical homes for at-risk children: Parental report of clinician-parent relationships, anticipatory guidance, and behavior changes. *Pediatrics* 2005; 115 (1): 48-56.
- El-Kamary S, Higman S, Fuddy L, **McFarlane E**, Calvin S and Duggan AK. Determinants and Impact of Rapid Repeat Birth. *Pediatrics* 2004; 114(3):e317-326.
- Duggan AK., **McFarlane E**, Fuddy L, Burrell L, Higman S, Windham A, and Sia C. Randomized trial of a statewide home visiting program: impact in preventing child abuse and neglect. *Child Abuse & Neglect*. 2004; 28(6) 597-622.
- Duggan AK, Fuddy L, Burrell L, Higman S, **McFarlane E**, Windham A and Sia C. Randomized trial of a statewide home visiting program to prevent child abuse: Impact in reducing parental risk factors. *Child Abuse & Neglect*. 2004; 28(6): 623-643.
- Windham A, Rosenberg L, Fuddy L, **McFarlane E**, Sia C and Duggan AK. Risk of mother-reported child abuse in the first 3 years of life. *Child Abuse & Neglect*. 2004; 28(6): 645-667.
- Duggan AK, **McFarlane E**, Fuddy L, Burrell L, Higman S, Windham A and Sia C. Evaluating a statewide home visiting program to prevent child abuse in at-risk families of newborns: fathers' participation and outcomes. *Child Maltreatment*. 2004; 9(1): 3-17.
- Duggan AK, Windham AM, **McFarlane E**, Fuddy L, Rohde C, Buchbinder S and Sia C. Hawaii's Healthy Start Program of home visiting for at-risk families: Evaluation of family identification, family engagement & service delivery. *Pediatrics*. 2000; 105(1Pt.3): 250-259.

Conference Proceedings:

- Duggan AK, Buchbinder SB, Fuddy L, Sia CJ and **Young E**. Comprehensive Evaluation of the Hawaii Healthy Start Program. In C. Liberton, K. Kutash & R. Friedman (Eds.). *9th Annual Research Conference Proceedings, A System of Care for Children's Mental Health: Expanding the Research Base*. Tampa, FL: University of South Florida, Research and Training Center for Children's Mental Health. February 1996.

Buchbinder SB, Duggan AK, **Young E**, Fuddy L and Sia C. Home Visitor Job Satisfaction and Turnover. In: Liberton C, Kutash K, and Friedman R (Eds), *10th Annual Research Conference Proceedings, A System of Care for Children's Mental Health, Expanding the Research Base*. Tampa, FL: University of South Florida, Research and Training Center for Children's Mental Health. February 1997.

Windham AM, Duggan AK, Rohde C, **McFarlane EY**, Buchbinder SB, Fuddy L and Sia CCJ. Comprehensive Evaluation of the Hawaii Healthy Start Program: Effects on maternal mental health, substance use and social support at one year. *11th Annual Research Conference Proceedings, A System of Care for Children's Mental Health, Expanding the Research Base*. Tampa, FL: University of South Florida, Research and Training Center for Children's Mental Health. March 1998.

Buchbinder SB, Duggan AK, Windham A, **McFarlane E**, Fuddy L and Sia C. Characteristics Associated with Length of Tenure Among Home Visitors. In Liberton C, Newman C, Kutash K, Friedman R (Eds.). *12th Annual Research Conference Proceedings, A System of Care for Children's Mental Health: Expanding the Research Base* pp. 177-180. Tampa, FL: University of South Florida, Research and Training Center for Children's Mental Health, February 1999.

Commentaries:

King TM, Rosenberg LA, Fuddy L, **McFarlane E**, Sia C, and Duggan AK. Response to Commentary. *Journal of Developmental and Behavioral Pediatrics*. 2005;26(4), 307.

Dissertation:

McFarlane E. The influence of parenting in early childhood on children's social and cognitive development and transition to school.

Submitted:

McFarlane, E., Burrell, L., Baker, C., & Duggan, A. Randomized Trial of Training and Coaching Enhancements to Improve Skills of Home Visitors and Prevent Harsh Parenting. Submitted to *Implementation Science transfer within BioMed Central in place* 10/17.

McFarlane, E., Westin-Lee, P., and Duggan, A. Randomized Trial of a Parent Attachment Training of Kinship and Foster Families in Hawaii. *Submitted to Child and Family Service Review*.

Herman, K., Cohen, D., Reinke W., Ostrander, R., Burrell, L., **McFarlane, E.** & Duggan, A. Using Latent Profile and Transition Analyses to Understand Patterns of Informant Ratings of Child Depression. Submitted to *Journal of School Psychology – Revise and Resubmit* 8/17).

Palaia, A., Burrell, L., Crown, S., **McFarlane, E.** & Duggan, A. Father-Child Interaction as a Mediator of the Impact of Paternal Stress on Child Development and Behavior. Submitted to *Journal of Developmental and Behavioral Pediatrics*

CURRICULUM VITAE
Part II
ELIZABETH MCFARLANE

TEACHING

Advisees –includes preliminary and final oral participation

Name: ***Carol Hartley, MD***

Years: 2007- 2009

Degree: Post-doctoral fellow in Community Pediatrics

Name: ***Winona Mesiona, MD***

Years: 2007- 2009

Degree: Post-doctoral fellow in Community Pediatrics

Name: **Lyndsay Haywood, MPH**

Years: 2009-2010

Degree: Masters of Public Health

Name: **Kris Bifulco, MPH**

Years: 2012-2014

Degree: Masters of Public Health

Name: **Gina Cardazone, PhD**

Years: 2013-2014

Degree: Doctor of Philosophy - Psychology

Name: **Eric Batangan, MPH**

Years: 2013-2015

Degree: Master of Public Health

Name: **Danielle Nabalasca, BA**

Years: 2014-2015

Degree: BA Public Health – Honors Research

Name: **Leonard Sensui, PhD**

Years: 2013-2016

Degree: Doctor of Philosophy – Social Work

Name: **Elisabeth Seamon, MPH**

Years: 2014-2016

Degree: Master of Public Health

Name: **Jon Orenstein, MPH**

Years: 2014-2016

Degree: Master of Public Health

Name: **Dewayne Bettag, PhD**
Years: 2015-2016
Degree: Doctor of Philosophy - Psychology

Name: **Cheryl Gibby, PhD**
Years: 2016-
Degree: Doctor of Philosophy - Nutrition

Name: **Ranjani Starr, PhD**
Years: 2016-
Degree: Doctor of Philosophy - Epidemiology

Name: **Kendi Ho, PhD**
Years: 2017-
Degree: Doctor of Philosophy – Second Language Studies

Name: **Malia Purdy, DrPH**
Years: 2017-
Degree: Doctorate in Public Health – Native Hawaiian Health

Name: **Zeyana Saad-Jube**
Years: 2015-2017
Degree: Master of Public Health

Name: **Jessi Cardona**
Years: 2016-2018
Degree: Master of Public Health

Name: **Melissa Hamada**
Years: 2016-2018
Degree: Master of Public Health

Name: **Charlyn Agonoy**
Years: 2016-2018
Degree: Bachelors in Public Health – Honors Project

Second Committee Member

Names: **Jacy Miyaki, Michelle Quensell, Chelsea Pulido, Ronald Filomeno**
Years: 2013-2015
Degree: Master of Public Health

Names: **Megan Cagasan, Elisabeth Seamon**
Years: 2014-2016

Degree: Master of Public Health

Names: **Asha Bradley, Kristy Peshlakai**
 Years: 2015-2017
 Degree: Master of Public Health

Names: **Ghazaleh Moayedi, Sarah Hipp**
 Years: 2016-2018
 Degree: Master of Public Health

Classroom Instruction

University of Hawaii, Department of Pediatrics, Division of Community Pediatrics
 Weekly Fellowship Seminar
 Enrollment: 5 MD Fellows
 2007-2009

University of Hawaii, College of Education, Research Methods EDEF 678,
 Enrollment: 25 Masters of Education Students
 Summer 2004

University of Hawaii, Office of Public Health Science, Program Evaluation PH 765
 Enrollment: 3 Masters of Public Health students
 Spring 2012

University of Hawaii, Office of Public Health Science, Program Evaluation PH 765
 Enrollment: 6 Masters of Public Health students; 5 PhD students
 Fall 2012

University of Hawaii, Office of Public Health Science, Program Evaluation PH 765
 Enrollment: 3 Masters of Public Health students; 4 PhD students
 Fall 2013

University of Hawaii, Office of Public Health Science, Program Evaluation PH 765
 Enrollment: 8 Masters of Public Health Students; 3 PhD/DrPH students
 Fall 2014

University of Hawaii, Office of Public Health Science, Program Evaluation PH 765
 Enrollment: 11 Master of Public Health Students; 2 PhD/DrPH students
 Fall 2015

University of Hawaii, Office of Public Health Science, Program Planning, Evaluation,
 Implementation and Leadership PH 648
 Enrollment: 19 master of Public Health Students; 2 PhD students
 Spring 2017

Other Teaching & Training

Community Organizations - Child and Family Services, Parents And Children Together,
 Hawaii Family Support Center, Maui Family Support Center, YWCA Hawaii Island, Kauai
 Child and Family Services: Child Development 0-3; Language Development 0-18 months;
 Language Development 19-36 months; Child Social-Emotional Development 0-5,

Enrollment: 10-25 paraprofessional staff per class
1999-2017

Training research team members – Hawaii JHU Research Team: Observation of Classroom Behavior Computer Coded Rating Scale; Vineland Adaptive Behavior Scales; Woodcock Johnson Revised and Woodcock Johnson III and Revised; Pre-school Language Scale, 3rd Edition; Stanford Binet Intelligence Scales; Bayley Scales of Infant Development; NCAST - Teaching and Feeding Scales; Clinical Evaluation of Language Fundamentals; Home Observation for Measurement of the Environment,
Enrollment: 2-15 professional staff
Annually 1999-2017

RESEARCH GRANT PARTICIPATION

Current Research Grants, Cooperative Agreements, and Contracts

Dates: 10/1/2015-12/31/2017

Title: Hawaii Maternal Infant and Child Home Visiting Expansion

Identification number: D89MC28280

Sponsor: DHHS, Administration for Children and Families; and DHHS, Health Resources and Services Administration

Total direct costs: \$1,085,000

Current year costs: \$1,085,000

My Role: Principal Investigator

Percent Effort: 80%

Project objective: experimental and quasi- experimental test of Hawaii's MIECHV expansion activities to promote engagement and retention in home visiting.

Previous Extramural Research Grants, Collaborative Agreements and Contracts

Dates: 08/01/2011-02/28/2015

Title: Positively Moms: Home Visiting Enhancement to Lower Maternal Stress

Sponsor: O'Neill Foundation

Total direct costs: \$195,000

Current year direct costs: \$65,000

My Role: Principal Investigator

Percent effort: 20%

Project Objective: Experimental test of the feasibility and impact of a home visiting service model enhancement to reduce maternal stress

Dates: 07/01/2010 – 09/30/2016

Title: Hawaii Evidence-Based Home Visiting Network

Identification number: D89MC23157

Sponsor: DHHS, Administration for Children and Families; and DHHS, Health Resources and Services Administration

Total direct cost: \$1,480,049

Current year direct costs: \$389,246

Principal Investigator: Anne Duggan (2008-2011); Co-PI with Elizabeth McFarlane 2011-present

Percent effort: 60%

Project Objective: Evaluative implementation research focused on Hawaii's statewide network of program sites using models categorized by DHHS as evidence-based.

Dates: 1994

Title: Evaluation of Hawaii's Healthy Start Program

Identification number: None

Sponsor: The David and Lucile Packard Foundation

Total direct cost: \$19,706

Principal Investigator: Duggan, AK

My role: Project Director

Dates: 1994-1998

Title: Evaluation of Hawaii's Healthy Start Program

Identification number: None

Sponsor: The Annie E. Casey Foundation

Total direct cost: \$500,000

Principal Investigator: Duggan, AK

My role: Project Director

Dates: 1994-1999

Title: Evaluation of Hawaii's Healthy Start Program

Identification number: None

Sponsor: Hawaii State Health Department

Total direct cost: \$250,000

Principal Investigator: Duggan, AK

My role: Project Director

Dates: 1994-1999

Title: Evaluation of Hawaii's Healthy Start Program

Identification number: None

Sponsor: Robert Wood Johnson Foundation

Total direct cost: \$366,972

Principal Investigator: Duggan, AK

My role: Project Director

Dates: 1994-1999

Title: Evaluation of Hawaii's Healthy Start Program

Identification number: None

Sponsor: The David and Lucile Packard Foundation

Total direct cost: \$494,974

Principal Investigator: Duggan, AK

My role: Project Director

Dates: 1994-1999

Title: Evaluation of Hawaii's Healthy Start Program

Identification number: R40 MC00029

Sponsor: Maternal and Child Health Bureau, HRSA

Total direct cost: \$618,616
Principal Investigator: Duggan, AK
My role: Project Director

Dates: 1997

Title: Development Of A Quality Improvement Plan For Hawaii's Healthy Start Program

Identification number: None

Sponsor: Kapiolani Medical System

Total direct cost: \$25,000

Principal Investigator: Duggan, AK

My role: Project Director

Dates: 1997-1998

Title: Evaluation of Healthy and Ready to Learn Center

Identification number: None

Sponsor: Consuelo Alger Foundation.

Total direct cost: \$19,500

Principal Investigator: Duggan, AK

My Role: Co-investigator

Dates: 1997-2000

Title: Evaluation of Integration of Early Childhood Services

Identification number: None

Sponsor: Carnegie Corporation of New York via subcontract with Hawaii Medical Assn.

Total direct cost: \$28,500

Principal Investigator: Duggan, AK

My role: Consultant/Interviewer

Dates: 1998-2001

Title: Evaluation of Hawaii's Healthy Start Program Phase II

Identification number: R40 MC00123

Sponsor: Maternal and Child Health Bureau

Total direct cost: \$414,313

Principal Investigator: Duggan, AK

My role: Project Director

Dates: 1999-2001

Title: Evaluation of Hawaii's Healthy Start Program

Identification number: None

Sponsor: State of Hawaii – Department of Health

Total direct cost: \$120,000

Principal Investigator: Duggan, AK

My role: Project Director

Dates: 04/01/00-03/31/06

Title: RCT of Home Visiting to Promote Health and Prevent Abuse

Identification number: 5 R01 MH60733-03

Sponsor: NIH

Total direct cost: \$4,875,912
Principal Investigator: Duggan, AK
My role: Project Director

Dates: 8/18/03-6/30/06
Title: Evaluation of the Hawaii Dyson Initiative
Identification number: None
Sponsor: The Dyson Family Foundation via Subcontract with Kapiolani Health System
Total direct cost: \$229,959
Principal Investigator: Duggan, AK
My role: Project Director

Dates: 09/30/2004 – 09/29/2009
Title: Practices to Improve Skills of Home Visitors
Identification number: 1/U49/CE000337-01
Sponsor: CDC
Total direct cost: \$1,002,629
Principal Investigator: Anne Duggan
My role: Project Director

Dates: 11/01/05--06/30/07
Title: Evaluation of Hawaii's Healthy Start Program
Identification number: None
Sponsor: State of Hawaii – Department of Health
Total direct cost: \$136,609
Principal Investigator: Duggan, AK
My role: Project Director

Dates: 06/01/06-6/30/07
Title: Child and Family Assessment Study
Identification number: None
Sponsor: Kamehameha Schools
Total direct cost: \$233,637
Principal Investigator: Duggan, AK
My role: Co-Investigator

Dates: 11/21/06-11/20/07
Title: Role of Clinical Specialist
Identification number: None
Sponsor: Hawaii Family Support Institute
Total direct cost: \$20,000
Principal Investigator: Duggan, AK
My role: Project Director

Dates: 03/15/07-12/31/08
Title: CARE Forensic
Identification number: None
Sponsor: Kapiolani Health Care System

Total direct cost: \$60,000
Principal Investigator: Duggan, AK
My role: Co-Investigator

Dates: 01/01/07--12/30/08
Title: Healthy Start Early Identification (EID) Child Welfare Services (CWS)
Identification number: None
Sponsor: State of Hawaii – Department of Health
Total direct cost: \$42,088
Principal Investigator: Duggan, AK
My role: Project Director

Dates: 01/01/08 – 06/30/09
Title: Coaching to Promote Fidelity of Home Visiting Services
Identification number: None
Sponsor: Hawaii Department of Health
Total direct cost: \$69,500
Principal Investigator: Duggan, AK
My role: Project Director

Dates: 01/01/08 – 06/30/09
Title: Early Education and Care
Identification number: None
Sponsor: Kamehemeha Schools
Total direct cost: \$20,000
My Role: Principal Investigator.

Dates: 09/01/2009 – 08/31/2011
Title: RCT of the Attachment and Biobehavioral Catchup Model m
Identification number: None
Sponsor: Consuelo Foundation
Total direct cost: \$123,271
Principal Investigator: Duggan, AK
My Role: Co-Investigator

Dates: 09/26/2012-09/25/2013
Title: Measuring Child Health Disparities
Identification number: 104480
Sponsor: National Institutes of Health
Total direct costs Hawaii Study Center: \$456,000
Current year direct costs: \$290,000
Principal Investigator: Tina Cheng
My Role: Study Center Principal Investigator

Dates: 09/28/2007-03/31/2013
Title: National Children's Study Honolulu County Study Center
Identification number: HHSN267200700025C
Sponsor: National Institutes of Health

Total direct costs: \$14,000,000
Current year direct costs: \$360,000
Principal Investigator: Lynnae Sauvage
My Role: Co-Investigator

Previous Extramural Institutional Research Training Support

Title: National Research Service Award for Postdoctoral Training Program in Pediatric Primary Care Research
Date: 2005-2008 (My involvement 2007-2008)
Sponsor: DHHS, HRSA
My Role: Core Faculty and Mentor
Total direct cost: \$1,047,485

ACADEMIC SERVICE

Chair, Health Policy and Management (HPM) Specialization; Chair, Student Affairs Committee (SAC), Office of Public Health Sciences, University of Hawaii Manoa, Fall 2016 - present. Committee member HPM and SAC Fall 2012- Fall 2016.

Faculty Mentor, University of Hawaii Manoa, Fall 2013- present.

PRESENTATIONS

Scientific Meetings

Young E, Duggan, A.K., Fuddy L, Windham A.M., Buchbinder SB, Sia CCJ. RCT of Hawaii's Home Visiting Program for at-risk Families: Parenting Outcomes at One Year. American Public Health Association, Indianapolis, IN, November 1997.

McFarlane EY, Duggan AK, Windham AM, Fuddy L, Sia CCJ. RCT of Hawaii's Home Visiting Program for at-risk Families: Maternal Parenting Behavior and Child Development Outcomes at Two Years. American Public Health Association, Washington, D.C., November 1998.

McFarlane, L. Burrell, L. Rosenberg, P. Leaf, L. Fuddy, C. Sia and A. Duggan. Long Term Impact of Home Visiting on Maternal Depression and Child Behavior and Wellbeing. Pediatric Society Meetings. Seattle, WA May 2003.

McFarlane E, Burrell L, Leaf P, Fuddy L, Sia C, Derauf, C. and Duggan A. Maternal Relationship Security as a Moderator of Home Visiting Impact. 2008 Pediatric Academic Society Meetings. Honolulu, Hawaii, May 2008.

McFarlane E, Burrell L, Derauf C, Fuddy L, and Duggan A.. Association of Maternal and Home Visitor Security with Engagement. 2008 Pediatric Academic Society Meetings. Honolulu, Hawaii, May 2008.

McFarlane E, Burrell L, Malone N, Derauf C, and Duggan A. Parent Report and Recognition of Child Developmental Delay. 2008 Pediatric Academic Society Meetings. Honolulu, Hawaii, May 2008.

- McFarlane E**, Burrell L, Leaf P, Fuddy L, Sia C, Derauf, C. and Duggan A. Maternal Relationship Security as a Moderator of Home Visiting Impact on Child Development. 2008 Society for Prevention Research Meetings. San Francisco, CA, May 2008.
- McFarlane, E.**, Burrell, L., Derauf, D., Fuddy, L & Duggan, A. Home Visiting for At-Risk Families of Newborns: Association of Maternal and Home Visitor Attachment Security with Engagement. Pediatric Academic Societies, San Francisco, CA, May 2008.
- McFarlane, E.**, Smith, M., Horiuchi, B., Tottori, C., Onaka, A., & Millar Sauvage, L. Using State Birth Data to Monitor Enumeration and Enrollment Success and Inform Fieldwork. National Institutes of Health Research Day, Bethesda, MD, August 24, 2011 (poster).
- Dreyer, B.P., Cheng, T., Sanders, L.M., Mistry, K., **McFarlane, E.**, Sentell, T., Granger, D.A., Schumann, L., Rowe, T. Measuring Child Health Disparities – What Works and Doesn’t Work: Lessons From the National Children’s Study (NCS) Child Health Disparities Project. Workshop presentation at the Annual Meeting of the Pediatric Academic Societies, Boston, MA, April 2012.
- McFarlane E**, Sentell T, Jorgensen DJ, Ahn HJ. Measuring Race and Ethnicity in Health Disparities Research: An Interactive Workshop for Public Health Professionals. Workshop. Pacific Global Health Conference. Honolulu, HI, October, 2012.
- Cheng, T., Goodman, E., Carter-Pokras, O., Trent, M., Sanders, L.M., **McFarlane, E.** How to Assess and Address Child Health Disparities in Research. Mini Workshop presentation at the Annual Meeting of the Pediatric Academic Societies, Washington, DC, May 2013.
- McFarlane, E.**, Tandon, D., Burrell, L., Duggan, A. Addressing Maternal Stress to Improve Maternal Child Interactions. Society for Research in Child Development: Strengthening Connections Among Child and Family Research, Policy and Practice. Alexandria, VA, April 2014.
- McFarlane, E.**, Tandon, D. Burrell, L., Duggan, A. Outcomes of a Randomized Trial to Address Maternal Distress in Home Visited Mothers. Society for Prevention Research: Using Prevention Science to Promote Health Equity and Improve Well-Being. San Francisco, CA, June, 2016.
- McFarlane, E.**, Tandon, D., Burrell, L., Duggan, A. Outcomes of a Randomized Trial to Address Maternal Distress and Promote Parenting in Home Visited Mothers. American Public Health Association-Creating the Healthiest Nation: Ensuring the Right to Health. Denver, CO, October/November 2016.

Invited Talks

- Addressing Child Development Needs in a Paraprofessional Home Visitation Program: Results and Recommendations from the Comprehensive Evaluation of the Hawaii Healthy Start Program. Western Regional Within Our Reach Conference. Effective Home-Based Strategies for Family Support. Los Angeles, CA; April 1999.

Long Term Impact of Home Visiting on Maternal Depression and Child Adaptation in Pacific Islanders. Presented at Kamehameha Schools Native Hawaiian Health and Well-being Conference. Honolulu, HI: October 2003.

Home Visiting – What do we know from Prevention Science and Experience? Presented at Kamehameha Schools Strategic Planning Work Group. Honolulu, HI: June 2004.

Father's Participation in Home Visiting. Presented at the Asian-US Pediatric Partnership Meeting III. Honolulu, HI: April 2006.

Using Research & Evaluation to Influence Practice and Policy. Presented at the Asian-US Pediatric Partnership Meeting IV. Honolulu, HI: April 2007

The Influence of Parenting in Early Childhood on Children's Social and Cognitive Development and Transition to School. Presented at the University of Hawaii, Department of Community Pediatrics. Honolulu, HI: August 2007.

Building Partnerships with Families to Create Systems of Care. Presented at the Asian-US Pediatric Partnership Meeting V. Shanghai, China: May 2009.

Children's Health – Panelist on *Insights on PBS Hawaii*. January 20, 2011
http://www.pbshawaii.org/ourproductions/insights_programs/insights20110120_health.htm.

Research and Evaluation to Strengthen Practice and Demonstrate Outcomes. Presented at the Asian-US Pediatric Partnership Meeting VI. Makati City, Philippines: May 2011.

Summary of Research on Home Visiting. Presented to the Hawaii Home Visiting Network. Honolulu, Hawaii: March 28, 2012.

Tips & Techniques for Sharing HOME Inventory Findings with Families. Presented at the Hawaii Home Visiting Conference. Honolulu, Hawaii: September 20, 2013.

Hawaii's Healthy Start Program: Addressing Maternal Stress in Home Visitation. Presented at the Hawaii Home Visiting Network Conference. Honolulu, Hawaii: September 21, 2013.

System Building, Systems Evaluation (Keynote): Presented at the Health Services and Resources Administration Region IX Grantee Meeting. San Francisco, California: March 5, 2014.

Using Research to Inform Innovation and Enhancement in Home Visiting. Presented at the Hawaii Home Visiting Conference. Honolulu, Hawaii: August 23, 2014.

Bridging the Research to Practice Gap to Address Maternal Stress and Depression. Presented at the Institute of Violence Abuse and Trauma. Honolulu, HI: April 2015

Hawaii's Positively Moms Initiative to Address Maternal Distress. Fifth National Summit on Quality in Home Visiting, The Pew Charitable Trusts. Washington, DC: May 2015.

Evidenced-Based Practices to Address Intergenerational Transmission of Risk. Presented at the Hawaii Home Visiting Conference. Honolulu, HI: January 2017.

Evidenced-Based Strategy Measures within the Title V Maternal Child Health Framework. Federal Maternal Child Health Partnership Pacific Basin Technical Assistance Meeting. San Francisco, CA: May, 2017.

ADDITIONAL INFORMATION

Personal Statement of Research Objectives:

My professional goals are to reduce health and developmental disparities and to optimize the health and development of children birth to middle childhood via integrated epidemiologic, clinical, and services research to promote the effectiveness and efficiency of health, educational, and social services for families with young children.

Key Words:

Child Health, Development, Maltreatment, Fidelity, Health Equity, Home Visiting, Stress, Implementation Science, Maternal Health, Parenting, Prevention, Parent Child Interaction, Social Justice