

**Structure of
disparity: Role
of the
household**

Glenn T Fujiura

The Structure of Disparity: Role of the Household

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**Health Disparities Research at the Intersection of Race, Ethnicity, and Disability: A
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Framing Disparity

- **Three phases: detection, understanding and intervention**
- **Detection not a simple matter**
 - **Defining disparities**
 - **Framing the unit of analysis**

Conceptual Framework

- **Family household as key “unit of analysis”**
-- risk not a simple function of individual status variables
- **Unit of analysis in understanding the dynamics of disparity**

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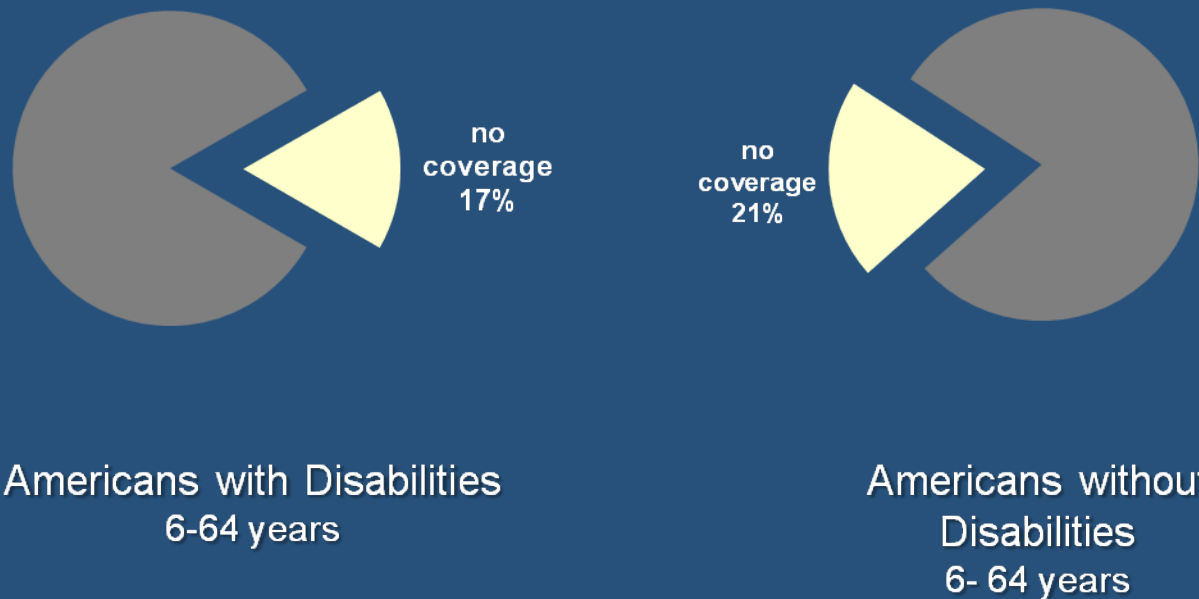
The Family Lens

- **Family “system” dwarfs the long term care system**
- **Interaction of family structure with racial and ethnic status**
- **Role of context in vulnerability**

The uninsured: Differences across disability status in 2010

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Uninsured individuals by disability & race

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Predictor	Odds Ratio ¹	Stat Sig	SError ²
Disability	0.81	**	.050
Race/Ethnicity			
Black	1.57	**	.077
Hispanic	3.19	**	.161
Asian	1.38	**	.102
Other	1.45	**	.134
Disability x Race/Ethnicity			
Black	0.67	**	.083
Hispanic	0.60	**	.071
Asian	0.77		.245
Other	1.05		.205

¹ Age, gender & poverty controlled

² Employed linearized standard error estimate to account for complex sample frame;

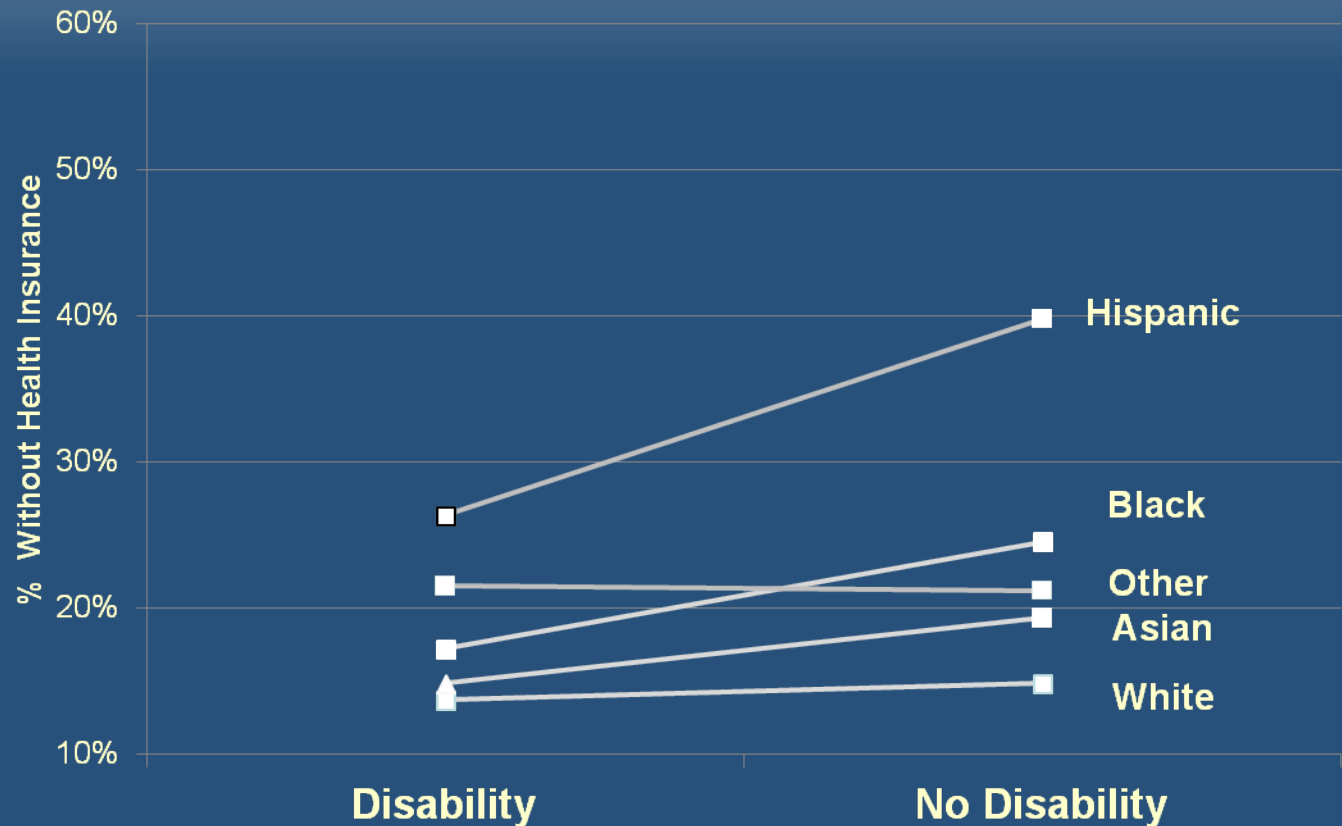
** Results statistically significant



No health coverage: Interactions with Disability Status

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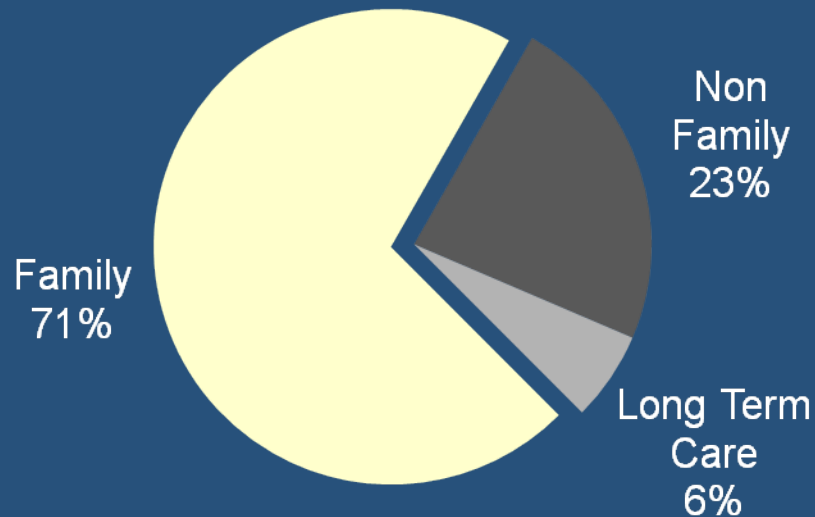


Where People Lived in 2010

(estimates in 1,000s)

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34.5 million Americans with severe disabilities in 2010

Uninsured households by Disability & Race

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Predictor	Odds Ratio ¹	Stat Sig	SError ²
Disability	1.44	**	.075
Race/Ethnicity			
Black	1.67	**	.098
Hispanic	3.95	**	.257
Asian	1.34	**	.128
Other	1.59	**	.184
Disability x Race/Ethnicity			
Black	0.90		.101
Hispanic	0.61	**	.096
Asian	0.82		.163
Other	0.81		.166

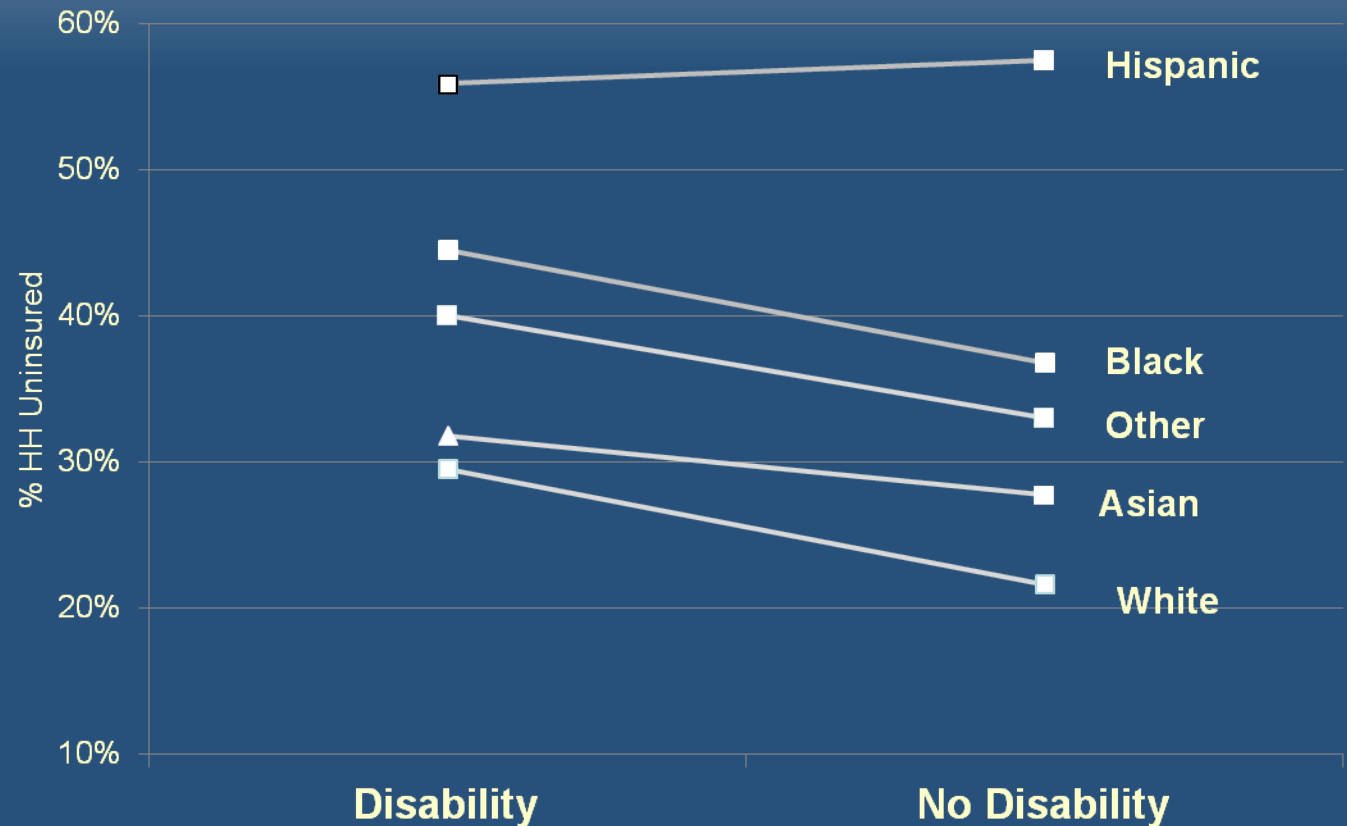
¹ Avg HH age and gender of head of household controlled

² Employed linearized standard error estimate to account for complex sample frame;

** Results statistically significant



Households with Uninsured Members: Interactions with Disability Status



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Households with Uninsured Members: Coverage by Household Role

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Who is Uninsured in these Households? (% uninsured)

Uninsured Person	White	Black	Hispanic	Asian	Other
Head	58.0	59.3	70.7	60.1	65.8
Spouse	60.9	57.0	74.2	61.0	71.3
Child	56.1	52.1	51.3	51.9	43.8
Other Relative	58.1	61.8	74.8	58.9	65.3
Non Relative	61.3	63.6	81.2	61.7	49.6

Reframing Disparity Through the Household Lens

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Summary:

- **Household as key unit of analysis**
- **Understanding disparity within the household context**
- **Moving forward**