

# **RUTGERS ASIAN RESOURCE CENTER FOR MINORITY AGING RESEARCH (RCMAR)**

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**INTERNSHIP – SUMMER 2021**

INSTITUTE FOR HEALTH, HEALTH CARE POLICY AND AGING RESEARCH  
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APPLIED FIELD EXPERIENCE – FALL 2021  
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# OVERVIEW

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- Resource Centers for Minority Aging Research (RCMAR) - NIH
- Needs & Gaps in Research
- Summer Project – An Analysis of NIH Data
  - Methodology
  - Results
  - Analysis
  - Discussion
  - Implications – Next Step

# RESOURCE CENTERS FOR MINORITY AGING RESEARCH (RCMAR) -

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- An NIH initiative in response to the aging and diverse U.S. population and associated public health demands.
- NIH's missions :
  - Mentor scientists from underrepresented groups in aging research.
  - Develop infrastructure for research on health disparities and minority elder well-being.
  - 10 traditional sites, 8 more focused on Alzheimer's – all hosted on university campuses.
  - Only 1 specifically for Asian health research, hosted at Rutgers Institute for Health, Health Care Policy and Aging Research (IFH).

# Needs & Gaps in Research

## EAST ASIAN: 8.6 MILLION PEOPLE



Chinese: 4.9M



Korean: 1.9M



Japanese: 1.5M



Taiwanese: 204K

## SOUTHEAST ASIAN: 7.6 MILLION PEOPLE



Filipino: 4M



Vietnamese: 2.1M



Cambodian: 322K



Thai: 313K



Hmong: 309K



Laotian: 261K



Burmese: 182K



Indonesian: 120K

## SOUTH ASIAN: 5.3 MILLION PEOPLE



Indian: 4.3M



Pakistani: 515K

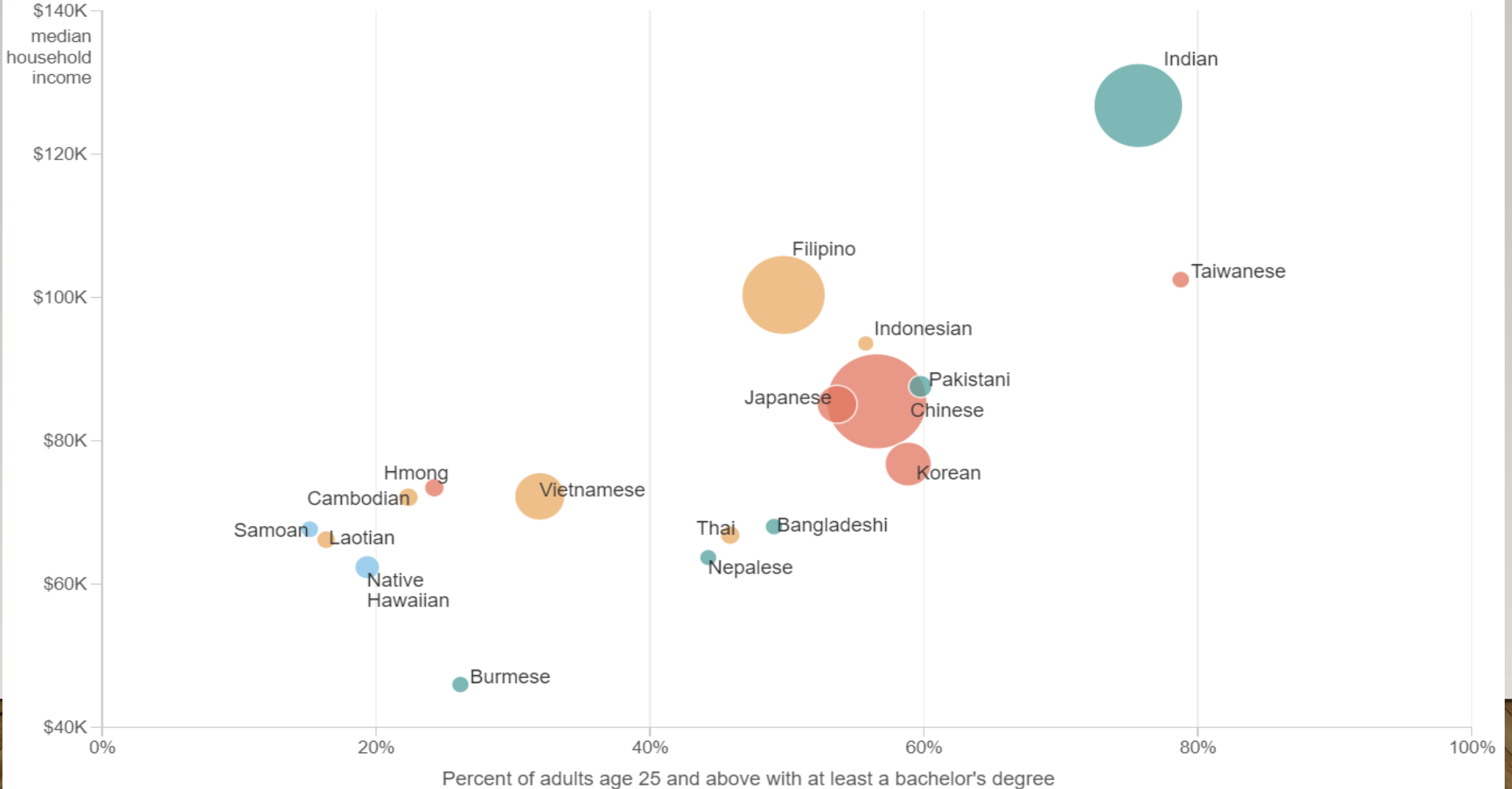


Bangladeshi: 188K



Nepalese: 168K

# Needs & Gaps in Research



# SUMMER PROJECT – METHODOLOGY

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- NIH funding data (RePORTER tool) from 2010-2020:
  - Research projects: DP1, DP2, DP3, DP4, DP5, P01, PN1, PM1, R00, R01, R03, R15, R21, R22, R23, R29, R33, R34, R35, R36, R37, R61, R50, R55, R56, RC1, RC2, RC3, RC4, RF1, RL1, RL2, RL9, RM1, UA5, UC1, UC2, UC3, UC4, UC7, UF1, UG3, UH2, UH3, UH5, UM1, UM2, U01, U19, and U34 (NIH activity codes).
  - New grant (type 1).
  - Sample: Asians alone or containing Asians. NIH definition: **A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent .**
  - Conducted in the United States.
- Search terms (43): **Asian, Chinese, Indian, Korean, Japanese, Vietnamese, Filipino, Filipina, Pakistani, Malaysian, Indonesian, Cambodian, Laotian, Burmese, Thai, Thailander, Bangladeshi, Asian American, Nepalese, Bhutanese, Asian Indian, Bengalese, Bharat, Dravidian, East Indian, Goanese, Iwo Jiman, Maldivian, Mongolian, Okinawan, Sikh, Sri Lankan, Whello, Yello, South Asian, Indo-Chinese, Hmong, Singaporean, Nepali, Taiwanese, Ryukyuan, Uyghur, Tibetan.**

# SUMMER PROJECT – METHODOLOGY

- Returned results: 4769. Duplicate titles were deleted: **4503 total unique projects.**
- Preliminary review via titles to exclude irrelevant projects.
- Remaining were reviewed via abstracts to parse out Asian-only projects and

Project Title	Project Number	Type	Activity	Contact PI Person ID	Contact PI / Project Leader	Other PI or Project Leader	Fiscal Year	Potentially Excluded	potentially with non-AA	potentially non-US?
Ethnicity and Nativity in Cancer - Latino & Asian Enclaves: The ENCL	1R01CA23		1 R01	11361161	SHARIFF-MARCO,	PRUITT, SANDI LE	2020		Y	
Asian Cohort for Alzheimer's Disease (ACAD)	1R56AG06		1 R56	7824958	WANG, LI-SAN	CHUI, HELENA CH	2020			
Insights from Asian Populations into Disparities in Breast Cancer Pr	1R01CA24		1 R01	7849117	GOMEZ, SCARLETT	KUSHI, LAWRENCI	2020			
Evidence-Based Approach to Empower Asian American Women in	1R01CA24		1 R01	1866225	FANG, CAROLYN Y	MA, GRACE X.	2020			
Alcohol and Tobacco Use and Desistance Among Asian Americans:	1R21AA02		1 R21	12326243	TAM, CHRISTINA	Not Applicable	2020			
Elucidating Lung Cancer Etiology Among Asian American Female Ne	1R01MD0:		1 R01	7849117	GOMEZ, SCARLETT	CHEN, MOON SHA	2020			
Achieving American Indian Youth Energy and Mental Health Balanc	1R01MD0:		1 R01	8042072	GACHUPIN, FRANC	HINGLE, MELANIE	2020			
Elucidating the Genetic Architecture of Metabolic and Reproductive	1R01HD10		1 R01	1955934	DUNAIF, ANDREA	Not Applicable	2020		Y	
VietAmerican Health Pilot Study	1R21MD0:		1 R21	11327168	NGUYEN, UYEN-SA	Not Applicable	2020			
Development and Pilot Test of an mHealth Interactive Education ar	1R21HD1C		1 R21	12404014	DIAMOND-SMITH,	EL AYADI, ALISON	2020		Y	

# SUMMER PROJECT – RESULTS

Fiscal year	Total RPGs awarded	Asian projects	Diverse cohort projects
2010	6,851	11 (0.16%)	6 (0.09%)
2011	6,629	10 (0.15%)	8 (0.12%)
2012	7,001	15 (0.2%)	9 (0.12%)
2013	6,489	8 (0.12%)	12 (0.18%)
2014	7,295	15 (0.2%)	12 (0.16%)
2015	7,735	7 (0.09%)	7 (0.09%)
2016	8,702	8 (0.09%)	10 (0.11%)
2017	8,576	11 (0.13%)	13 (0.15%)
2018	9,628	4 (0.04%)	9 (0.09%)
2019	9,647	7 (0.07%)	8 (0.08%)
2020	9,974	8 (0.08%)	6 (0.06%)
<b>Total</b>	<b>78,553</b>	<b>104 (0.13%)</b>	<b>100 (0.12%)</b>

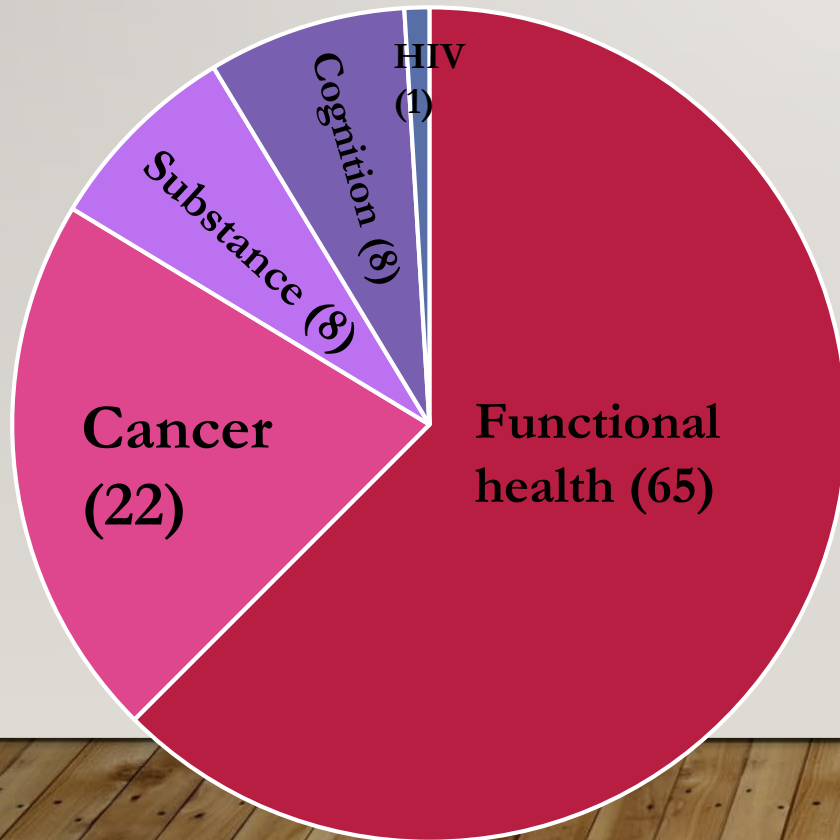


# SUMMER PROJECT – ANALYSIS

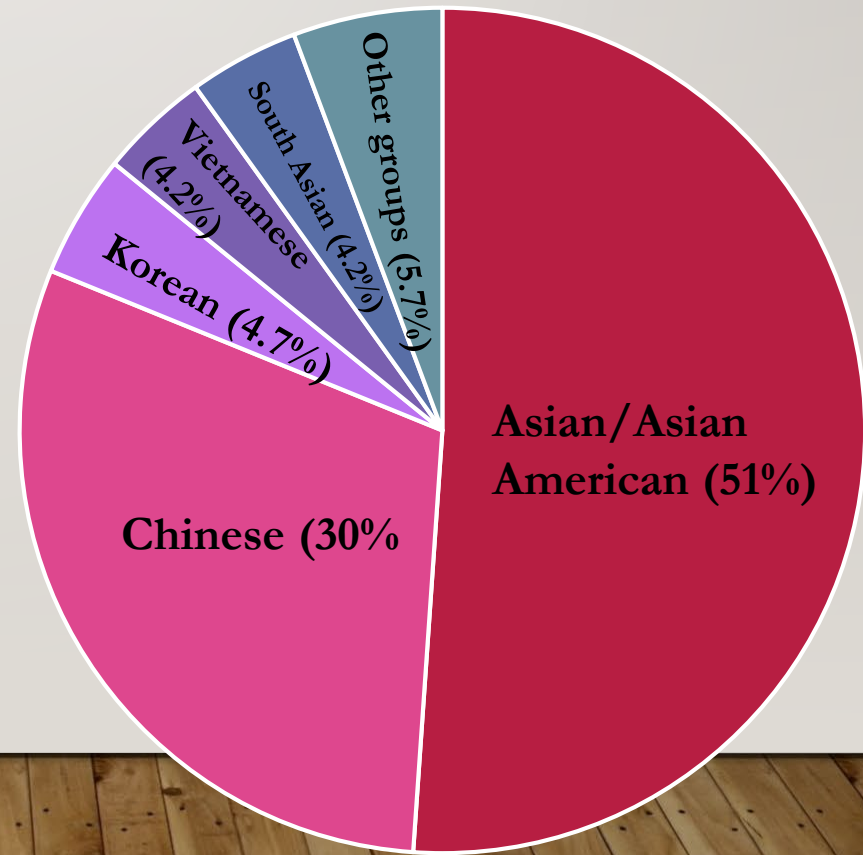
## ASIAN-ONLY PROJECTS

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Most studied topics



Most studied subpopulations



# **SUMMER PROJECT – DISCUSSION**

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- Asian is not considered a “minority” in many health disparity research studies.
- Inadequate research. Need for more:
  - Funding, both in terms of amount of money and number of projects.
  - Support for researchers of Asian descent to boost research participation.
  - Disaggregate data on ethnic subgroups to investigate the heterogeneity of this population, especially groups with long-lasting worse outcomes.

# NEXT STEP

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- Continue to review abstracts systematically for further analysis of:
  - Asian studies: observational vs. interventional, etc.
  - Projects that MAY contain Asian subjects: topics? Investigators?  
Subsequent publications?
- Review K\*\* projects that might fit the criteria of research project.

# SOURCES

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# THANK YOU!

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QUESTIONS/COMMENTS/CONCERNS?

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