Introductions

Duke Student Team

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Mentors

Bob Fuller - Chairman, PCDRC
Linda McDonald - Director, PCDRC
Ellen Blackmon - Co-lead PCDRC Volunteer Brigade
Dr. Diana Silimperi, MD and Dr. Sumedha Ariely, PhD - Faculty Leads, SRT
Tonight’s Agenda

Our Project
PCDRC’s Impact and Vulnerability Assessment

Our Findings
Key Needs and Vulnerabilities

Future Growth
Interventions and Future Volunteer Opportunities
Our Project
PCDRC’s Impact

150 homes completed

391 households referred

Risk and Vulnerability Assessment

Property Structure

Health Status

Social Profile

Disaster Prep
Survey Distribution Statistics

- Households Directly Contacted: 252
- Surveys Distributed: 87
- Surveys Completed: 64

Called or canvassed
Received a survey
Completed a survey
Where are the respondents located?
Respondent Demographics

- Mean Age: 66
- Don’t have any insurance: 44%
- Annual Income Under $25,000: 68%
Our Findings
Quick Poll:
Is your home raised above ground level?
Home Repairs

Findings

48% Houses were not raised

79% indicated at least 1 household issue

26.5% indicated the presence of mold

Interventions

1. Follow up with the most vulnerable homes

2. Apply for risk mitigation grants and repair urgent needs
Quick Poll:

Do you have an evacuation plan?
Disaster Preparedness

Interventions

1. Distribute medication cards and sign up households for CodeRED
2. Host disaster supply kit and evacuation plan sessions
Quick Poll:

Do you have a generator?
Health Difficulties

Findings

33.8% use medical equipment that requires electricity

20.9% use walkers

32.2% use canes

Interventions

1. Share list of homes with electric medical equipment with fire departments and emergency services

2. Ramp Installations
Perceived Risk

Interventions

1. Property Maintenance: Cut tree limbs, clear drainage, secure propane tanks

2. Support groups
Future Growth
Implementing Interventions

- Build Volunteer Brigade
- Initiate Community Partnerships
- Identify Sustainable Funding
How can you help?

Grant Writing
Apply for risk mitigation grants

Distribute Medication Cards and CodeRED
Continue delivering preparedness tools

Lend a Hand
Help with household repairs

Spread the Word
Share our mission with others who may be interested!
Thank you for listening! Any questions?

A special thanks to our mentors:

- Bob Fuller, Linda McDonald, and Ellen Blackmon at the PCDRC
- Dr. Diana Silimperi, MD
- Dr. Sumedha Ariely, Ph.D.

Want to volunteer?

1. Indicate your interests/skills
2. Share your availability
3. Hand the form to us on your way out
Frequently Asked Questions

● What’s the time commitment of the Volunteer Brigade?
● What are typical volunteer responsibilities?
● How will PCDRC communicate with me if I sign up to volunteer?
● Where is the PCDRC office located?
● How does PCDRC choose which households it helps?
● How did you all identify which homes to follow-up with?
● Where can I learn more about your findings?