



## INNOVATIONS IN NUTRITION PROGRAMS AND SERVICES

APRIL 21, 2020

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WELCOME AND INTRODUCTIONS



ACL Innovation Grant Funding Opportunities

# Demonstration

 Funding opportunity number:

HHS-2020-ACL-AOA-INNU-0404

- Application closing date: May 26, 2020
- Funding amount: \$250,000 for each year of the 3-year project period

# Research

- Funding opportunity number: HHS-2020-ACL-AOA-INNU-0403
- Application closing date: May 26, 2020
- Funding amount: \$300,000 for each year of the 3-year project period



# ACL INNOVATION CALL FOR GRANT REVIEWERS

## What is the responsibility of a grant reviewer?

- Reviewers will independently review and score each of their assigned applications from their home or office and be compensated for each application reviewed.
  - An individual review can take approximately 3 hours per application.
- Each reviewer will have approximately two weeks to review all assigned applications.
- Reviewers will also be compensated for participating in 1 reviewer training and 1 panel call. The panel call will be scheduled for 3 hours and include discussion of strengths and weaknesses from each reviewer
- Selected reviewers should have nutrition programming experience in the aging network and resumes or CVs should be submitted to annotate experience. We will train all reviewers in being equipped to handle this task, so don't worry if you have not previously served as a reviewer for a discretionary grant program.
- Please contact Mr. Phantane Sprowls at phantane.sprowls@acl.hhs.gov by Monday, May 4, 2020 with your resume if interested in becoming a reviewer for this grant program.



# **POLL QUESTION**

- What brought you here today?
  - I want to be more innovative in my program.
  - I want to learn from my peers.
  - I want to get new programming ideas.
  - I want to do more with technology.





# TAKING CHARGE OF DIABETES

Presenter: Susan Hayes, RD, LDN Clinical Program Manager, Nutrition and Active Living, Health Promotion Council April 21, 2020

# **INNOVATION STORY**

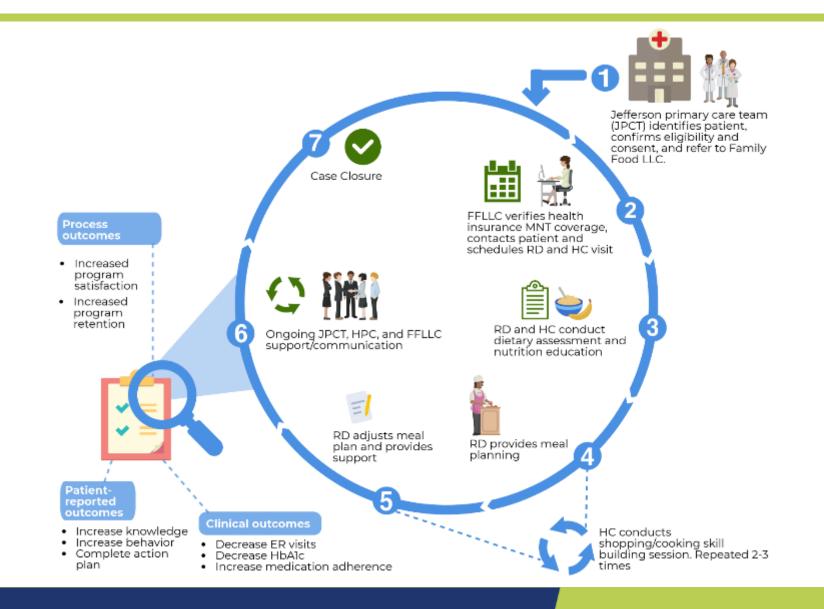
- Taking Charge addresses the gap in care transitions for older adults (65 and older), by offering a multi-component, homebased intervention to improve health outcomes at the patient level and reduce health care costs at the system level for adults 65+ with Type 2 Diabetes.
- Project Partners:
  - Health Promotion Council

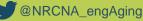


Thomas Jefferson University Hospital Primary Care Thomas Jefferson University Center for Urban Health Family Food LLC

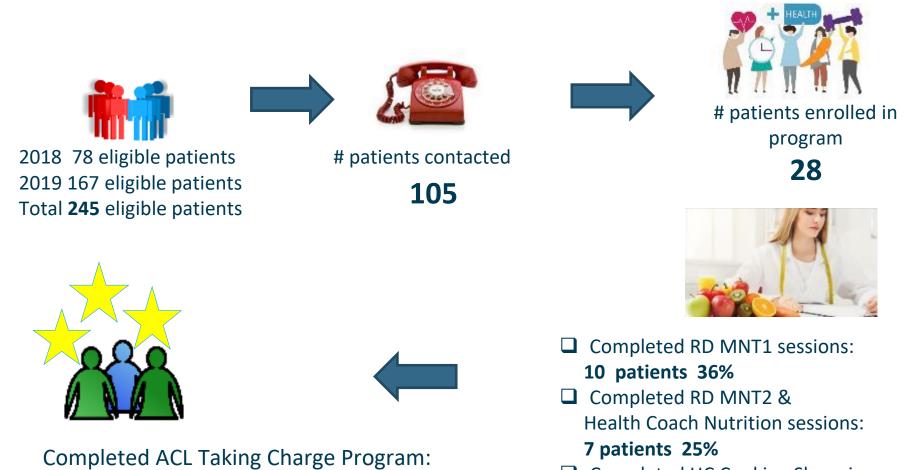


### IMPROVE HEALTH OUTCOMES AND QUALITY OF LIFE OF ADULTS AGE 65+ WITH TYPE 2 DIABETES BY ESTABLISHING AN INNOVATIVE COMMUNITY-CLINICAL INTEGRATION MODEL





# ACL TAKING CHARGE OF DIABETES PROGRAM RESULTS



Completed HC Cooking Shopping sessions:
 3 patients 11%

3 patients 11%



# **PROGRAMMATIC OUTCOMES**

- 100% of JPCT, HPC and CUH reporting satisfaction with the care coordination system.
- Among Taking Charge participants who completed the program, 100% reported satisfaction with the overall program.
- 80% of Taking Charge program participants attended 40% of scheduled sessions.
- Utilizing the tracking tools, referral protocol and forms approved by IRB, 100% of Taking Charge participants seen by the Health Coach were offered referral services



# **PATIENT CENTERED OUTCOMES**

- Eight patients out of thirteen who received medical nutrition therapy through Taking Charge reported to visit the ED at least once after being enrolled in the program.
- 100% of Taking Charge participants demonstrated increased knowledge and self-efficacy related to healthy eating and diabetes management.
- 67% of Taking Charge participants reported positive behavior change related to healthy eating and diabetes management.



# PATIENT CENTERED OUTCOMES CONT.

- Due to restrictions and limitation in accessing medical records, Taking Charge was unable to assess medication adherence as prescribed.
- 56% of Taking Charge patients (whose data was available to assess) showed a reduction in hemoglobin A1c within 12 months as noted in their medical record.
- Utilizing the tracking tool, protocol and instruments approved by IRB, 67% of Taking Charge participants achieved at least one of their personal action plan goals (included major dietary changes to better manage diabetes).



# **KEY CHALLENGES**

Participant Enrollment

Patient Interest in Taking Charge

Social Determinants of Health

Data Access and Billing

Partnerships

The National Resource Center on Nutrition & Aging



### Funding:

If justifying a budget to cover the **planning period** is an issue, factor into overall budget or consider applying for additional funding elsewhere. Start up time can be significantly long depending on legal, contracts, IRB and other institutional restrictions.

## Technology:

Consider providing **in-home health education using telehealth**. Technology can potentially be used to do both individual and group activities/classes.

Consider having a robust system to access medical records and billing system for all partners involved in the project to facilitate referral, scheduling and loop back to provider.



## **Partnership**:

Partner with an organization or health care institutions that has **RDs** who can provide MNT and capability for billing services already in place.

Partner with a **local community organization** as they are deeply connected with the community and understand the needs, challenges, and resources available to patients.

## Staffing:

Staffing would require a program coordinator to manage the communication needed for all the moving pieces and partnerships involved as well as ensuring services are provided as proposed.



## **THANK YOU**

Susan Hayes, RD, LDN suhayes@phmc.org



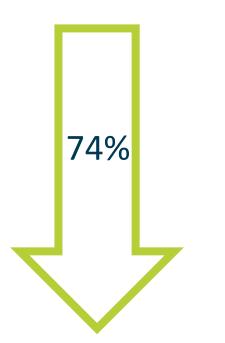
# LINN COUNTY INNOVATIONS IN NUTRITION PROGRAM ENCORE CAFÉ

TIM GETTY, MBA HERITAGE AREA AGENCY ON AGING

April 21, 2020



Heritage AAA experienced 74% decline in congregate meal participation 2011-2017



# Site Closures



## Lack of awareness of AAA in Iowa's 2<sup>nd</sup> largest metro area





A Second Call to Enhance Your Health

- Four pop-up, catered sites in community buildings
- Library, Senior Center, Church, and Parks Building
- Salad Bars & Choice Menus
- Flexible Serving time 11:30am-12:30pm
- Evidence-Based Programming and Nutrition Education offered
- 2.0 Total FTEs and 12 active volunteers
- Successful Project Partners



# **KEY LEARNING(S)**

"The food has been tasty with generous portions. The ladies have been very helpful and friendly. I appreciated the fresh produce to take home. Nice visit with Steve and his service dog Peyton. Eating is great at Encore Café. Catering by Hy-Vee has been exceptional."



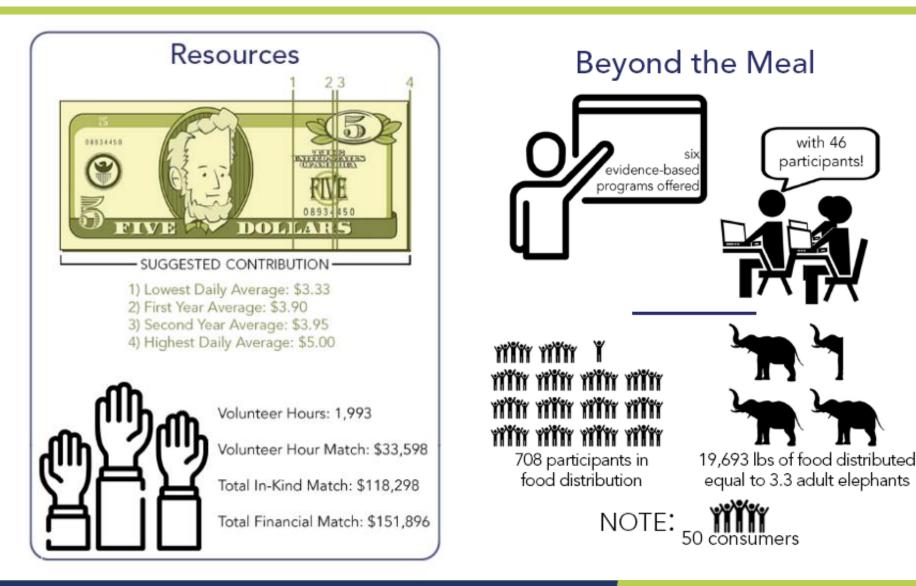


# DATA

**Congregate Participants Congregate Meals Linn County Linn County** 1400 12000 **Encore Café Participant Age** 1200 10000 0.83% 23.33% age 60-69 4.72% 4.72% Age 90-99 1000 43.06% Age 70-79 28.33% Age 80-89 8000 .83% Age 100+ 800 FY2019 6000 FY2019 600 FY2018 FY2018 4000 400 43.06% 2000 200 Age 60-69 Age 70-79 Age 80-89 Age 90-99 Age 100+ 0 0 Participants Meals ■ FY2017 ■ FY2018 ■ FY2019 ■ FY2017 ■ FY2018 ■ FY2019



# DATA



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# **KEY CHALLENGES OVERCOME**

- Staff turnover
- Catering through regional grocery store and nutrition requirements
- Attendance outgrew sites
- Meal site purpose confusion for participants and others
- Chef demonstrations and the audience



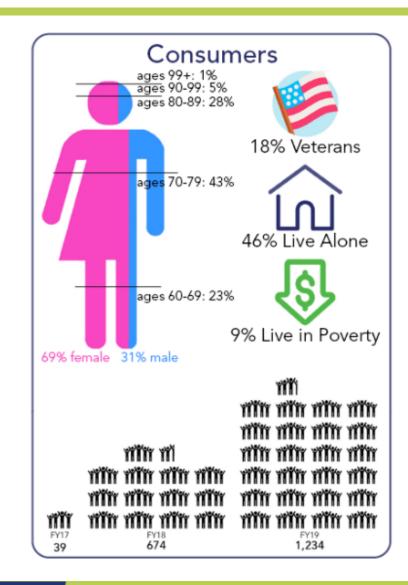




# **PROJECT IMPACT**

- Increased participation
- Increased awareness/community partnerships
- Replicable service model







# **SUGGESTIONS FOR REPLICATION**

- Collaborate in unconventional ways
- Grand Opening events and marketing
- Quality and choice for different generations

### Marion State of the City recognizes growth in jobs, quality of life

by Eva Andersen | Thursday, January 31st 2019

ISINESS 380

"A heck of a lot of nutritional planning"



Encore Café ribbon cuttings slated for May

The National Resource Center on Nutrition & Aging



# **ADVICE TO PEERS**

- Allow for flexibility
- Make project partners a priority







# **THANK YOU!**

TIM GETTY, MBA REGIONAL NUTRITION PROGRAM COORDINATOR HERITAGE AREA AGENCY ON AGING TIM.GETTY@KIRKLAND.EDU

ALEXANDRA BAUMAN, RD LDN NUTRITION, HEALTH & WELLNESS DIRECTOR IOWA DEPARTMENT ON AGING ALEXANDRA.BAUMAN@IOWA.GOV



# MARYLAND INNOVATIONS IN NUTRITION PROJECT

## MARYLAND DEPARTMENT OF AGING

April 21, 2020



Purpose: Transform Senior Nutrition Program using the epidemic of older adult malnutrition as the catalyst to introduce:

- evidence based practices
- cost-cutting measures
- innovative meal products, and
- efficient service delivery methods

To forge new health care linkages and expand service to older adults in the community.





- Design a replicable model for a hospital post-discharge malnutrition care pathway.
- Create meal packages for older adults transitioning from hospital to home.
- Enhance an existing Home Delivered Meal Priority Screening tool.
- Evaluate the effectiveness of a community malnutrition awareness workshop.





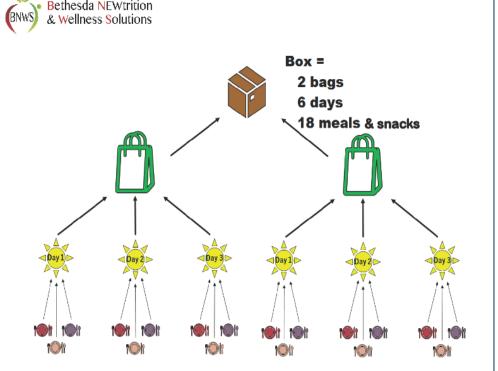
Table 2: Sample Referral Table - Social Determinants of Health with ICD-10 codes.

Care Planning Components	AAA Referral Programs and Services	
Food and Nutrition Z594	Senior Center Congregate Meals     Home-Delivered Meals     Nutrition counseling, MNT, nutrition education, and care planning     Commodity Supplemental Food Program (CSFP)     Community food resources (Food Bank, etc.)     Senior Farmers Market Nutrition Program     Stepping Up Your Nutrition     Post-discharge, medically-tailored meals	
Housing Z590	Assisted Living (including SALGHS)     Ramp Assistance     Home Modification     Assistive Technology     Durable Medical Equipment     Congregate Housing Services Program	
Transportation Z650	County or Regional Transit Cab/Bus Vouchers Senior Village Community for Life	
Financial 2690	Application assistance for financial aid: SNAP Medicaid State Health Insurance Program (SHIP) Energy-assistance programs Income-tax assistance Medicare Part A, B, C, D Medicare Billing, Appeals, Denials, Grievances Medicare Fraud Assistance Oral nutritional supplements (Ensure, etc) Prescription assistance Assistance for dental, eye care, hearing aids	
Utilities Z590	Low-Income Home Energy Assistance Program (LIHEAP)     Electric Universal Service Program (EUSP)     Universal Service Protection Program (USPP)     Utility Assistance (other)	
Personal Safety 2600	Elder Abuse     Legal Assistance     Emergency Response Systems     Falls Prevention (Stepping On, Matter of Balance, Tai Chi for Better     Balance)     Arthritis foundation classes (Walk with Ease)	
In-Home Care Z602	Sitters and in-home care services (personal care, chore service)     Home Care agencies     Community First Choice	

### **Malnutrition Pathway Toolkit**

In-Home Care Z602 (con't)	Senior Care Home-delivered meals Dietitian referral Senior Village	
Social Supports Z600 or Z630	<ul> <li>Senior Center (exercise, socialization, Congregate Meals)</li> <li>Telephone Reassurance</li> <li>Support Groups: Caregivers, Renal, Stroke, ALS, Parkinson's</li> <li>Adult Day Care</li> <li>Volunteer opportunities</li> </ul>	
Mental Health Z640 or Z650	<ul> <li>PEARLS: Program to Encourage Active, Rewarding Lives</li> <li>Enhance Wellness</li> <li>Healthy IDEAS</li> <li>Behavioral Health Referral (Core Service Agency or Health Department)</li> </ul>	
Health Care Referral ICD-10 code dependent on root cause	<ul> <li>Primary Care Physician</li> <li>Clinics: Dental, Eye, Physical Therapy</li> <li>Community Health Worker</li> <li>Adult Medical Day Care</li> <li>Local health department</li> <li>Home care agencies</li> <li>Medical supplies</li> </ul>	
Employment Z560	Senior Employment     AAA volunteer coordinator     Community volunteer opportunities	
Health Education Z550	Self-management workshops:         Diabetes Self-Management (Spanish version available)         Chronic Disease Self-Management (Spanish version available)         Chronic-Pain Self-Management         Cancer Thriving and Surviving         Falls Prevention (Stepping On, Matter of Balance, Tai Chi for Better Balance)         SAIL (Stay Active and Independent for Life)         Aging Mastery         Enhance Fitness         Lifeting Learning         Medication Management         Weilness Center Gym	





## Carb-Controlled, Heart-Healthy

### **Meal Packages**

The Carb-Controlled, Heart Healthy meal package is designed to provide you with the food you need to help you recover after your visit to the hospital.

#### **Balanced carbohydrates**

Carbohydrates (carbs) from the food you eat effect your blood sugar. These meals and snacks are balanced with the right amount of carbs to keep your blood sugar under control throughout the day.

#### Low salt

Getting too much sodium (salt) can raise your blood pressure and be bad for your heart health. These meals are low in salt to keep your heart healthy and your blood pressure under control.

#### Easy to prepare

These foods were chosen because they are singleserve, easy to prepare, and can be kept at room temperature for up to six months.

We want you to stay healthy once you leave the hospital. Enjoy these foods on us!

In addition to these meal packages, you may also need: Water, bowls & plates, forks, knives & spoons, can opener, microwave, scissors

Grant funds from the Administration for Community Using (ACL), Grant Number 900NNU0002 and the Manyland Department of Aging assisted in the development of this material. Its contents are solely the responsibility of the authors and do not necessarily represent the official views of the ACL or Department.



Pro Tip

Be sure not to add any salt to these foods. Try other

seasonings, like garlic powder,

dried herbs, Mrs. Dash Salt-Free seasoning, or other salt-

free seasonings.

The National Resource Center on Nutrition & Aging



Nadine Sahyoun, PhD, RD Professor of Nutritional Epidemiology Department of Nutrition and Food Science University of Maryland nsahyoun@umd.edu

### TRAINING MANUAL



LEVEL	RECOMMENDED ACTION	POSSIBLE ADDITIONAL OR ALTERNATIVE SERVICES
A	NWL: Home Delivered Meals WL: Highest priority on wait list	Home-delivered meals are the most appropriate support for these clients Further inquiries to the applicant may reveal additional beneficial supports
В	NWL: Home-delivered meals and suggest additional services WL: Second highest priority on wait list, suggest alternative services	Financial-based nutrition support services such as SNAP Help with getting groceries, such as grocery delivery or transportation services
С	NWL: Home-delivered meals and suggest additional services WL: Third highest priority on wait list, suggest alternative services	Financial-based nutrition support services such as SNAP
D	NWL: Home-delivered meals and suggest additional services WL: Fourth highest priority on wait list, suggest alternative services	Help with getting groceries, such as grocery delivery or transportation services
E	NWL: Home-delivered meals and suggest additional services WL: Lowest priority on wait list, suggest alternative services	Further inquiries to the applicant may reveal the type of support required

NWL = No Exsisting Wait List WL = Exisiting Wait List

Available at: https://nfsc.umd.edu/extension/expanded-food-security-screener





# Living ell CENTER of EXCELLENCE



## MEASURING MALNUTRITION RISK LEVEL



### High Nutrition Risk: Score > 50 Consult with healthcare team as soon as possible to address the areas of

nutrition concern and improve nutrition status

Moderate Nutrition Risk: Score 50 to 54 Take action to improve nutrition health. Discuss options with healthcare team and identify resources to help reduce risk

No/Low Nutrition Risk: Score 55+ Continue current eating habits to keep healthy and strong





Available at: http://www.mdlivingwell.org/programs/stepping-up-nutrition/



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# **KEY LEARNING(S)**

- Community Based Malnutrition Pathways Toolkit
   useful as nationally-replicable model
- Meal packages
  - highly accepted, feasible
  - may have impact on reducing readmissions
- Revitalized products
  - valued by AAAs
  - impact on consistent training and implementation
- Use of a proven, award winning tool can strengthen a new project's outcomes and success

## **KEY CHALLENGES OVERCOME**

- Working with consultants.
- Greater than expected internal workload.
- Delays in learning curve, capturing data and receiving outcomes.
- Universities and the aging network work at different paces, affecting deliverable timeliness.



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## DATA



## STEPPING UP YOUR NUTRITION Risk at baseline (n =429)

## SCREEN II – Nutritional Risk

- Average risk score 44.1 (±8.4)
  - 70% high nutrition risk
  - 20% moderate nutrition risk
  - 10% no/low nutrition risk

## **Nutrition Barriers and Meal Isolation**

- 17% "never/rarely" eat with someone daily
- · 17% "often/sometimes" ran out of food
- · 53% "often/sometimes" skipped meals

## Fall-Related Risk

- 21% reported a recent fall
  - 48% of those who fell reported an injury
- 16% fearful of falling "a lot"
  - · 27% fearful of falling "somewhat"





## DATA

POST-DISCHARGE, MEDICALLY-TAILORED SHELF STABLE MEALS

- Health Care Utilization: 54% reduction in 30-day readmissions.
- Client surveys:
  - 95% packages helped them recover.
  - 92% packages met their nutritional needs based on their health condition
  - 89% easy to get the packages at hospital discharge and at the follow-up visit
  - 85% packages helped them manage their health condition.
  - 82% packages provided them with food otherwise unable to buy or shop for.
  - 82% packages provided food when they had difficulty preparing their own meals.
  - 86% packages helped them eat healthier food.



## **PROJECT IMPACT**

- Promising healthcare impact data for meal packages. A separate Department grant (ADRC) is offering the meal packages with subgrantees.
- All components of the grant are replicable across US.
- Grant significantly impacted the spread of a malnutrition awareness Session 0 across the state.
- AAA has received grant funding for consultant to implement the malnutrition pathway.

@NRCNA engAging

**Aae** Well

• Post-discharge meal peer network group continues.



## **SUGGESTIONS FOR REPLICATION**

- The RD consultants continue offering the meal packages. <u>https://sites.google.com/bnws.co/bnws-meals/home</u>. It is being used in projects with hospitals, physicians' offices and AAAs.
- The Stepping Up Your Nutrition program is sustainable and is offered nationally via <u>https://www.steppingupyournutrition.com/</u>
- Toolkit: "Addressing Malnutrition in Community Living Older Adults: A Toolkit for Area Agencies on Aging."
- HDM Priority Screening Tool: Training Manual, embedded excel, Paper screening tool, and instructions to access the "app". Contact <u>nsahyoun@umd.edu</u>.



- Limit the scope of projects, as each component requires oversight, management and data collection. Focus applications on grant requirements.
- Ensure adequate personnel to run day-to-day tasks.
- Don't work in isolation reach out to others. Many thanks to everyone who shared with us!



## THANK YOU! JUDY SIMON, MS, RD, LDN JUDY.SIMON@MARYLAND.GOV



The National Resource Center on Nutrition & Aging

## **ROUND ROBIN**

# **ROUND ROBIN QUESTIONS**

- Describe how your project was in fact ' innovative'?
- How will your innovation project(s) be sustained?
- What new partner(s) did your organization engage/does your organization plan to engage with going forward to grow or sustain the new nutrition programs/services you have established?
- Discuss any COVID-19 changes to how your innovation project is being currently implemented.



## **QUESTIONS AND ANSWERS**





- Please select the areas below that you feel it easiest for your organization to be innovative (select all that apply):
  - Partnerships
  - Technology
  - Service delivery
  - Marketing





# 2017 ACL INNOVATIONS IN NUTRITION PROGRAMS AND SERVICES HUB

# **RESOURCE HUB OVERVIEW**



In 2017, the Administration for Community Living awarded six grantees funding for innovative projects that will enhance the quality, effectiveness, and outcomes of nutrition services programs provided by the national aging services network. The six grants totaled \$742,872 for the two-year project period. Through this grant program, innovative and promising practices that can be scaled across the country have been identified with a goal to increase use of evidence-informed practices within the nutrition programs.

The Innovations in Nutrition Programs and Services Resource Hub contains documents for senior nutrition programs to understand and replicate the inventive programs and services piloted by the 2017 ACL grantees.

### BRIEFS AND RESOURCE COMPENDIUM 1

🖹 KEY ARCHIVED NRCNA WEBINARS 🛛

ADDITIONAL RESOURCES

## Website: https://nutritionandaging.org/innovation-services-hub/

🚺 The National Resource Center on Nutrition & Aging



# **RESOURCE HUB OVERVIEW**

## ORGANIZATIO **Health Promotion**

TAKING CHARGE OF

### ABOUT US

Health Promotion Council of Southeastern to implement community-based hypertensi Pennsylvania High Blood Pressure Control was as part of a national hypertension con (NHLBI). When NHLBI disease control effo on these additional disease prevention cor name accordingly.

### PROJECT PURPOSE

 To address patient care beyond the clinic Improve health outcomes at the patient with Type 2 Diabetes.

### PROJECT LENGTH

Two years

### KEY PARAMETERS

- Population targeted: Adults age 65+ wit
- Geographic setting: Urban
- Service delivery setting: Clinical and co Services offered: Medical nutrition thera education in the form of personalized st resources out of the clinical setting, into
- Number of staff/FTEs dedicated to inno
- Total grant funds received: \$250,000
- Total project period: Two years (2017 –
- Total funding leveraged from organizat

### PROJECT COMPONENTS

- Partnership between two hospitals (Tho Health Promotion Council
- Provision of nutrition services including
- Provision of an evidence-based self-ma Establishment of a referral network esta
- (I.e., Food Stamps, emergency food sup

## **ORGANIZATION:**

Iowa Department on Aging in partnership with Heritage Area Agency on Aging

LINN COUNTY INNOVATIONS IN NUTRITION PROGRAM

### SUMMARY BRIEF

### ABOUT US

 The lowa Department on Aging strives to Improve the quality of life and care of older lowans through advocacy, planning, policy development and the administration and support of statewide programs and services that promote health, safety and long-term independence.

ADMINISTRATION FOR COMMUNITY LIVING INNOVATIONS IN NUTRITION PROGRAMS AND SERVICES CAPSTONE SERIES

 The Heritage Agency has been a department of Kirkwood Community College since 1973 and was designated by the Iowa Department on Aging to serve Benton, Cedar, Iowa, Johnson, Jones, Linn and Washington counties. Heritage serves people age 60 and above as well as their families, communities, and governments. In addition, The Heritage Agency serves as an Aging and Disability Resource Center (ADRC) serving adults 18 years of age and older with a disability through advocacy and options counseling.

### PROJECT PURPOSE

 To develop an innovative, replicable service delivery model for congregate meals titled "Encore Café." This café concept was designed to encourage older adults to participate in congregate meal programs. In particular, the project aimed to attract the younger sub-population of older adults called "Baby Boomers" who had a smaller percentage of participation in recent years.

### PROJECT LENGTH

Two years

### **KEY CHALLENGES OVERCOME**

- High turnover in key senior center coordinator position;
- · Upskilling local providers to adhere to required nutritional guidance;
- Managing unintended consequences of intervention larger than
- anticipated client turnout, heightened/unrealistic participant expectations;
- Meal site purpose confusion for participants and others;
- Aligning new initiatives (i.e., chef-led demonstrations) with interests of participants.



nutritionandaging.org as supported, in part by grant number 90PPNU0001 from the U.S. Adr unity Living, Department of Health and Human Services. Washington 





## MEAL PACKAGE PEER NETWORK: LEARN ABOUT SLACK





The National

Resource Center Nutrition & Aging



# **AVAILABLE NRCNA/COVID-19 RESOURCES**







# **THANK YOU**

PLEASE COMPLETE THE EVALUATION