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SUPPORTING OPTIMAL INFANT, YOUNG CHILD AND MATERNAL NUTRITION AND HEALTH IN JORDAN

FY2022 2nd Quarter Report
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Background

The Feed the Future Jordan Nutrition Innovation Lab (JNIL) seeks to generate evidence on program impacts and to build research capacity to support optimal health and nutritional status of pregnant and lactating women (PLW) and children in Jordan. This is achieved through the implementation of a rigorous research agenda, which includes assessing the impact of USAID Jordan's Community Health and Nutrition (CHN) program, building individual and institutional capacity to conduct and interpret research, and supporting Jordanian researchers working on answering critical questions within the realm of maternal and infant young child nutrition.

The Jordan Nutrition Innovation Lab will generate evidence firstly through analysis of existing data sets such as the Demographic Health Surveys (DHS) to ascertain complementary feeding practices in infants and young children, and secondly through a rigorously planned and implemented comprehensive evaluation of USAID Jordan's CHN program. The latter evaluation will focus on impact, process and performance and sustainability of CHN to provide evidence to support current and future policy and programming.

The CHN program aims to improve maternal, infant, and young child nutrition (MIYCN) and post-partum family planning (PPFP) behaviors through a combination of mass media, community and facility-based interventions, and policy advocacy actions to improve nutritional status and health of PLW and children under two in Jordan. The evaluation of CHN will involve a comprehensive quantitative evaluation (IE), a qualitative and quantitative process and performance evaluation, and an analysis of program sustainability, all focused on three governorates of Jordan: Amman, Karak, and Zarqa. Additionally, JNIL will build individual and institutional research capacity in the realm of MIYCN by offering a competitive fellowships, policy seminars, webinars, and annual scientific symposia to bring together key stakeholders from academia, government of Jordan (GoJ) ministries, UN agencies, local and international non-governmental organizations, and other key in-country partners. Another critical objective of these activities is to increase awareness and policy engagement through the expansion of MIYCN research and programming within Jordan.

Summary of Activities Accomplished During Quarter 2 of FY2022

A summary of activities undertaken during the reporting period are as follows:

I. Governance and Administration

I.1 FY22 Workplan and Activity Monitoring, Evaluation, and Learning (AMEL) Plan

- During Q2, JNIL revised and submitted an updated AMEL plan to the AOR at USAID/Jordan for review. Based on the feedback from the AOR, JNIL updated the AMEL plan that will be shared with the Mission by the first week of May (Q3).
- In addition, JNIL revisited the timeline for the Q3 FY22 workplan. A Gantt chart with the proposed Q3 workplan is attached in Annex B of this report.
- During the reporting period, the JNIL Tufts team received response from USAID/Jordan on the 18-month extension application for the JNIL project. Draft responses to the technical and cost application were created and submitted to the USAID/Jordan in March (Q2) for review and approval.

2. Research and Evaluation Agenda for Community Health and Nutrition

2.1 COVID-19 Assessment Survey

- During the reporting period, the COVID-19 survey data were downloaded from Qualtrics, checked for consistency, and exported to SPSS, and cleaned. Data analysis was conducted and included generation of descriptive statistics (means, standard deviations, frequencies, and percentages), cross tabulations, and multivariate logistic regression analysis.
- A literature review was conducted by the JNIL team members (in Jordan and at Tufts) for the COVID-19 survey report.
- A literature review and research findings from the analysis were incorporated to the comprehensive report. During the drafting of the report, some of the analytical approach and outputs had to be revisited that resulted in some delay in timely submission of the report to USAID/Jordan. The JNIL team aims to submit the report by the final week of April.

2.2 Comprehensive Evaluation of CHN program

2.2.1 Quantitative Baseline Evaluation of CHN program

- During the reporting period, the JNIL team in Jordan, along with Mindset, finalized the data processing and cleaning for the pregnant and lactating (PLW) (sample size: 1079) and the service providers' evaluation (SPE) (sample size: 70). Data processing and cleaning included 1) review of the data and recording for consistency checks for responses, skip patterns and multiple responses, 2) and cleaning of the data. This was completed by January (Q2) 2022.
- Upon receipt of the clean data, data analysis was conducted that included generation of descriptive statistics (means, standard deviations, frequencies, and percentages), cross tabulations, etc. Descriptive statistics were generated on socio-demographic characteristics and the key CHN program targeted outcome indicators.
- A baseline report is being finalized by the JNIL Tufts team based on the findings from the analysis. The finalization of the baseline report has been delayed due to unforeseen circumstances that the team faced in this quarter. These include:
 - **Staff turnover:** The data analyst previously leading the analysis for JNIL Tufts team left the team. The JNIL team immediately began the recruitment and hiring process at Tufts which typically took additional time to get the new analyst on board. The team was eventually successful in bringing the analyst aboard and data analysis continued.
 - **Baseline data for Community-based Agents (CBA):** The objective of the SPE baseline was to collect knowledge, attitude, and practices data from two cadres of service providers (healthcare providers and community-based agents) that CHN is targeting for its program implementation. Since CHN had not finalized a criterion or identified the CBAs in October, JNIL collected baseline data from healthcare providers only, with a plan to collect data from the CBAs in March 2022. However, JNIL was unable to roll out the evaluation in March since the program package for CBAs had not yet been finalized to facilitate the questionnaire development. In addition, CBAs had not yet been identified by CHN, so identifying the CBA participants for the evaluation was not possible for JNIL. JNIL team in Jordan and Tufts has continued to interact closely with the CHN colleagues for the training package and the list of CBAs to conduct the evaluation. However, this delay has impacted the overall JNIL timeline to conduct the evaluation and drafting of the outputs/reports from the baseline survey.

2.2.2 Development of Qualitative Process and Performance Evaluation of CHN program

- During the reporting period, JNIL continued to develop a qualitative protocol for the process and performance evaluation. The process started in late November, with an aim to develop a protocol and qualitative interview guides to assess the process and performance of CHN program implementation, describe the contexts in which the program interventions were delivered, and explore factors that influenced program delivery and implementation.
- Beginning in November 2021, the JNIL Jordan team members (Country Coordinator and Research Fellow), along with a PhD Research Assistant (RA) Kamal Kasturi, met with the CHN program team members in Amman, Jordan to compile program-related information on CHN's program implementation pathways (PIP), community and facility-based program package, and list of CHN-targeted cadres at the community and health-facility level. This information is critical for JNIL to develop and finalize the protocol and the interview guides.
- Since then, the JNIL has continued to have regular interactions (remotely and in person) throughout the reporting period with requests for final drafts of the program-related information/materials to understand in detail the CHN program's approach, process, and implementation. Below is an update on the interaction/sharing of critical CHN program documents:
 - JNIL received a draft of the formative research report from CHN in February (Q2) which supported JNIL in understanding CHN's recommendations and approaches.
 - Similarly, CHN shared the social behavioral change (SBC) strategy in mid-April with JNIL. The strategy was helpful for JNIL to understand the priority behaviors, priority, and secondary recipients/beneficiaries.
 - In April, JNIL team had another follow-up with CHN at which time JNIL requested a list of CHN program documents and a timeline of activities. A list of the documents that have been requested are provided below:
 - **Small group dialogues** – JNIL would require this information to develop relevant questions for focus group discussions (FGDs) with CBAs and for updating the SPE questionnaire (questions related to CBAs)
 - **Facility based counseling** – JNIL would require this information to develop guides for HCPs during key informant interviews (KIIs) and for updating SPE questionnaire (questions related to HCPs)
 - **Automated support messages** - JNIL would require this information to update the program exposure module for the PLW evaluation in Panel 2 survey and incorporate them in FGDs/KIIs for the SPEs
 - **Breastfeeding peer support group** - JNIL would require this information to ask CBAs during FGDs and for updating SPE questionnaire (questions related to CBAs)
 - **Healthcare providers (HCP) training** - JNIL would require this information to ask HCPs during KIIs and for updating SPE questionnaire (questions related to HCPs)
 - **Lactation counselor program** - JNIL would require this information to ask HCPs (Lactation Counselors) during KIIs and for updating SPE questionnaire (questions related to HCPs)
 - **Mass media** - JNIL would require this information to ask SPEs and PLW during both qualitative and quantitative surveys
 - **Program Monitoring indicators-** - JNIL would require this information to understand the indicators for regular program monitoring by CHN and its implementing partners for the process and performance evaluation protocol to assess fidelity of the program

- While CHN has regularly updated JNIL about its progress on finalizing these documents (mentioned above), delay in sharing these documents has resulted delays in JNIL meeting its own timeline. For instance:
 - JNIL had originally planned to implement the survey in April 2022. However, the timeline was revised in Q1 (October) 2022 based on CHN's suggestion that the program implementation would only begin in April 2022, and that the program would need sufficient time for rollout to all targeted communities. JNIL accordingly moved the timeline for the process evaluation to August 2022.
 - Also, not having the final program documents has been challenging in finalizing the process evaluation protocol and qualitative study guides by Q2 FY22 and submit them for IRB approval in early Q3 FY22 (April 2022).
 - Similarly, the baseline SPE for CBAs that was planned for March (Q2) had to be shifted to Q3 (May) since JNIL has not yet received (at the time this report was drafted) the list of CBAs and the final training package to review and incorporate additional questions accordingly to the questionnaire.

3. Supporting Jordan's IYCF Research Agenda and Building Jordan's Related Human and Institutional Capacity

3.1 Technical Advisory Committee (TAC)

- In January, two distinguished members joined the JNIL TAC. Eng. Rawhiya Barham is the head of the nutrition department at the Jordan MOH, while Dr. Hala Nawaiseh is an assistant professor in the Nutrition and Food Technology at the College of Agriculture, University of Jordan. An updated list of the TAC members is provided in Annex A of this report.
- During the reporting period, one TAC meeting took place on January 17th. Eight out of 12 members attended this meeting. During this meeting, Ms. Mariam Abdoh, AOR for the CHN program at USAID/Jordan, presented an overview of the CHN activity.
- In addition, JNIL presented on the planned annual scientific symposium, research methods workshop, and the fellowship program planned for FY22. Dr. Reema Al Safadi and Dr. Eman Badran volunteered to be the co-chairs for the Symposium Scientific Committee.
- TAC members finalized the revision of the Fellowships Program Call for Applications. Some of the TAC members were also part of the review committee for the Letter of Intent (LOI) and full proposal.

3.2 JNIL Fellowships Program

- JNIL released the Call for Applications for the first year of its Fellowships Program on January 20, 2022. The announcement was shared through many platforms such as JNIL's website and social media (Twitter, Facebook), Mailchimp e-list, and through international and local NGOs, CHN and its implementing partners, the Humanitarian Nutrition Working Group, Jordan Ministry of Health, etc. The TAC members played an important role in promoting the call for applications with their networks.
- Two review committees were formed to review a 1) Letter of Intent (LOI), followed by 2) full proposals from applicants whose LOIs were selected for final proposal submission.

- The first stage of the application process was to submit an LOI outlining the proposed research project and the applicant's educational and professional experience. LOIs were originally due on February 10th, but the deadline was extended to February 15th to accommodate those who learned about the opportunity through the first JNIL webinar.
- JNIL received Letters of Intent from 15 applicants in total. A scoring rubric was developed and each LOI was reviewed by two members of the LOI review committee. Ten LOIs were chosen, and successful applicants were asked to submit a full proposal by the end of March.
- The full proposal portal closed on March 31st, at which time JNIL received 6 applications. Full proposals were reviewed by an external review committee and was completed by mid-April. Short-listed applicants have been asked to attend an interview, and JNIL aims to disburse the award by early May (Q3).

3.3 JNIL Quarterly Webinars and Research Methods Workshop

- During the reporting period, JNIL was successfully able to conduct two webinars. The first introductory webinar was held on February 8th and featured distinguished panelists from the Government of Jordan Ministry of Health, USAID/Jordan, CHN program, academics, and experts from University of Jordan who discussed the national priorities and current trends in maternal, infant, young child health and nutrition in Jordan. This webinar also introduced USAID's efforts in improving maternal, infant, and young child nutrition in Jordan through the Community Health and Nutrition (CHN and Jordan Nutrition Innovation Lab (JNIL) projects. The webinar speakers included Eng. Rawhieh Barham of the Jordan Ministry of Health, Ms. Bethany Haberer and Ms. Samah Al-Quran of USAID/Jordan, Ms. Doris Youngs of the USAID-funded Community Health and Nutrition Activity, Dr. Shibani Ghosh of the Jordan Nutrition innovation Lab, and Dr. Reema Safadi, Dr. Asma Basha, and Dr. Eman Badran of University of Jordan.
- The second webinar held on March 29th focused on the trends in maternal and child nutrition in MENA region using data from Jordan, Kuwait, and Saudi Arabia. This webinar presented the regional trends and the role of evidence-based policies in supporting nutrition for women and children, particularly as it relates to the consumption of sugar-sweetened beverages. The webinar speakers included Dr. Reem Al-Sukait from King Saud University, and Dr. Lynne Ausman and Dr. Shibani Ghosh from the Jordan Nutrition Innovation Lab. The session was moderated by Dr. Hala Nawaiseh from the University of Jordan.
- A total of **152 attendees** from 23 countries attended the first webinar, and the vast majority (121) of attendees were women. Sixty attendees were from Jordan and 83 were from the Middle East and North Africa (MENA) region. The second webinar had an audience of **85 attendees** from 16 countries. 63 out of the 85 attendees were women, and 40 of the total attendees were from Jordan. Attendees joined from Kuwait and Saudi Arabia as well, bringing the total attendees from the MENA region to 51. The attendees at both webinars represented a variety of sectors, including government, private, public, nonprofit, and civil sectors, indicating the broad interest in maternal and child nutrition across different fields.
- The webinars were promoted through JNIL's social media, website, and Mailchimp e-list. The webinar announcements were also shared with International and local NGOs, CHN and its implementing partners, humanitarian nutrition working group, MOH contacts, and others. JNIL TAC members and Scientific Symposium Committee members also shared the webinar announcement with their professional networks.
- Planning for future quarterly webinars has also been ongoing. JNIL has been working with Eng. Rawhiya Barham of the Jordan Ministry of Health to coordinate a future webinar session to take

place after Ramadan, likely in mid-May. JNIL is also developing webinar topics and discussing potential speakers for future quarters.

3.4 First Annual Scientific Symposium

- During the reporting period, JNIL successfully formed the symposium scientific committee to oversee the planning of the inaugural national scientific symposium in Jordan. The committee was formed in February and is co-chaired by Dr. Reema Al Safadi and Dr. Eman Badran. The scientific committee members include:
 - Dr. Jamila Abd-Arrahman Ahmad Abuidhail from Hashemite University, School of Nursing
 - Dr. Narmeen Jamal Al-Awwad, Hashemite University, School of Nursing
 - Dr. Mohammad Omar Saeed, Mutah University, School of Agriculture and Nutrition, Nutrition and Food Technology
 - Dr. Maysoun Qutob, Applied Science Private University.
 - Dr. Hana Alkhalidy, Acting Chairman of the Department of Nutrition and Food Technology, JUST
 - Dr. Hala Nawaiseh, University of Jordan, School of Agriculture and Nutrition
 - Dr. Shibani Ghosh, JNIL, Tufts University
 - Dr. Lynne M Ausman, JNIL, Tufts University
 - Dr. Patrick Webb, JNIL, Tufts University
- The first scientific committee meeting took place on March 7th. During this meeting, the Concept Note and the Terms of Reference (TORs) were finalized.
- Call for Abstracts for the symposium was drafted and shared and with the committee. The Call for Abstracts was released in mid-April.
- JNIL also created promotional materials for the “Save the Date” which were shared with USAID and approved and shared with the wider stakeholder network in early April.
- In addition, a symposium secretariat (operations committee) was formed to coordinate the logistics, planning and organization of the symposium. The operations committee consists of the following members:
 - Ms. Elizabeth Marino-Costello, JNIL
 - Ms. Devyn Andrews, JNIL
 - Ms. Haneen Abulaila, JNIL
 - Dr. Moad Rahamneh, JNIL
 - Mr. Mohammad Qardan, Mindset
 - Ms. Huda Abu Hijleh, Mindset
- The operations committee successfully reviewed and finalized the venue (Hotel Kempinski) for the symposium and is working on securing a videography company to assist with supporting a hybrid format for the symposium.

3.5 Research Methods Workshop

- During the reporting period, planning for the first workshop has begun. A workshop planning team from Tufts University, led by Dr. Lynne Ausman in collaboration with Dr. Reema Safadi and Dr. Hala Nawaiseh has been meeting to finalize a concept note and 6-day curriculum.
- The workshop venue has been identified and visited. JNIL Tufts and Mindset team are successfully working together to finalize the contract with the Olive Branch Hotel, the venue for the workshop.
- The team worked extensively to identify faculty and instructors for the 6-day curriculum.

- A Call for Applications for the research methods workshop was finalized and released in the final weeks of April.

4. Research Uptake and Dissemination

- During the reporting period, JNIL finalized a trend analysis report using the multi-year Demographic and Health Surveys (DHS) data and submitted to AOR at USAID/Jordan for review.
- Based on the secondary analysis findings from the DHS, JNIL continued to work on the manuscript for submission to a peer-reviewed journal. JNIL is also in the process of finalizing the outputs from the Household Income Expenditure Survey (HIES) in the form of a technical research brief. These outputs are anticipated to be completed during Q3 FY22.
- On January 13th, a presentation about the JNIL project was made to the Office Director at Population and Family Health, Bethany Haberer. JNIL introduced the objectives of the JNIL and shared progress updates to the Office Director during this meeting.
- The table below provides all presentations made during the reporting period.

Presenter	Event	Topic	Date	Audience
Shibani Ghosh	First JNIL Quarterly Webinar	Introduction to the JNIL project; secondary analysis findings on complementary feeding	February 5, 2022	152
Shibani Ghosh	Second JNIL Quarterly webinar	Trends in Maternal and Child Nutrition in the MENA Region: Findings from Jordan, Kuwait, and Saudi Arabia	March 29, 2022	85

5. Engagement

5.1 Engagement with USAID/Jordan

- During the reporting period, JNIL continued to engage with USAID/Jordan through weekly, bi-weekly meetings. JNIL also continued to participate in the USAID/Jordan IP meetings through monthly virtual meetings and with CHN through bi-weekly meetings. These meetings have been very effective in updating USAID/Jordan and CHN on the progress made by JNIL on its research and capacity building activities.
- In addition, JNIL has been engaging closely with the AOR through the TAC for advisory support on JNIL's capacity building activities.
- The AOR's guidance and support to JNIL's Country Coordinator (Haneen Abulaila) has been valuable in establishing a strong in-country presence and engage at the policy level with the Ministry of Health.

5.2 Engagement with CHN Implementers

- JNIL continued to engage with CHN and its implementers throughout the reporting period. JNIL’s Research Fellow, Moad Rahamneh, attended the FOCUS PDSA training workshop organized by CHN in Zarqa for two days (March 27th – 28th ,2022).

5.3 Engagement with the Ministry of Health (MOH) in Jordan

- During the report period, in coordination with USAID’s AOR, JNIL presented the project to the Head of Nutrition Department at MOH, Eng. Rawhiya Barham. The objective of this meeting was to formally introduce the JNIL project to MOH and provide progress updates on JNIL’s research and capacity building activities.

5.4 Engagement with Other Stakeholders

- The JNIL Country Coordinator is now part of the Nutrition sub-working group in Jordan and continue to engage with the group members through monthly meetings. This will strengthen JNIL’s in-country presence and expand its engagement with a wider stakeholder network of nutrition and health professionals, both at the program and policy level.

6. EMMP – Environmental Monitoring and Mitigation Plan

- Throughout the reporting period, JNIL has been complying with the CE determination.

7. Report on MEL Performance Indicators

- JNIL updated the FY22 AMEL plan and the list of performance indicators to track progress on the activities proposed for the FY22.
- A quarterly update on the indicators in Intermediate Results I and II are provided below:

No	Indicator	Reporting Frequency	FY22 Target	Q2 FY22 Progress Updates
Intermediate Results I: Rigorous Research Agenda (Evaluation of CHN utilizing qualitative and quantitative approaches)				
STIR 12	Number of peer-reviewed scientific publications results from USG support to JNIL research	Quarterly & Annually	2	Ongoing; To be updated in Q3
I.1	Number of nationally representative datasets identified and obtained for analysis on infant and young child complementary feeding practices in Jordan	Quarterly & Annually	NA	NA
	Number of peer-reviewed articles published by JNIL on trends of complementary feeding in Jordan	Quarterly & Annually	NA	To be updated in Q3
	Number of presentations on infant and young child complementary feeding practices in Jordan made by JNIL at national and international policy, academic and scientific events	Quarterly & Annually	10	I

1.2	Total number of households (pregnant and lactating women) enrolled and interviewed by JNIL during the impact Evaluation;	Quarterly & Annually	1145	JNIL to roll-out panel 2 in FY22 Q4
	Number of enumerators, supervisors and data collectors that received training and support in study protocol and data collection tools by JNIL;	Quarterly & Annually	20	Based on the baseline survey implementation in FY21, JNIL will aim to train 55 enumerators and 15 enumerators two implement the quantitative surveys (SPE and PLW surveys)
	Number of men trained		5	To be updated in Q4
	Number of women trained		15	To be updated in Q4
	Number of peer-reviewed articles published by JNIL on impact evaluation of CHN activity	Quarterly & Annually	1	Ongoing; this will be achieved using baseline quantitative data
Number of dissemination workshops conducted to share CHN evaluation findings by JNIL	Quarterly & Annually	NA	Ongoing; this will be achieved through presentations during the first annual scientific symposium (Q4)	
1.3	Number of focus group discussions and in-depth interviews completed to understand the facilitators and barriers of CHN program and performance by JNIL; Number of women interviewed, Number of men interviewed	Quarterly & Annually	TBD	The process of development of the protocol is ongoing. JNIL will update this indicator by the end of FY22 Q4.
	Number of peer-reviewed articles published by JNIL on process and performance evaluation of CHN activity	Quarterly & Annually	NA	Due to the shift in the timeline of the process and performance evaluation, JNIL will update this indicator in FY23
Intermediate Results 2: Jordan's MIYCN research agenda and capacity building				
2.1	Number of small grants fellowships awarded by JNIL to Jordanian academics and students	Quarterly & Annually	3	Ongoing; award to begin in early Q3 (May2022)
	Number of women awardees		2	To be updated in Q3
	Number of men awardees		1	To be updated in Q3
2.2	Number of seminars, lectures and workshops, webinars conducted by the JNIL aimed at improving linkages between policymakers, academics and students on MIYCN and NCDs	Quarterly & Annually	5	2
	Number of academics and students that attended and participated in the seminars, lectures and workshops conducted by JNIL	Quarterly & Annually	300	237
	Number of women trained		150	184
	Number of men trained		150	53

2.3	Number of annual symposia organized by JNIL (aimed at promoting adoption of evidence on MIYCN, PFP and NCDs)	Annually	1	Ongoing; to be conducted in FY22 Q4
	Number of attendees that participated in the annual scientific symposia	Annually	350	To be updated in Q4

*NA - Not Applicable

**TBD to be decided

8. Successes and Challenges of Working in the Context of COVID-19

Successes

- Key successes for JNIL during the reporting period have been the 1) progress made on the data analysis of the baseline quantitative data for pregnant and lactating women (PLW) and SPE (healthcare providers); 2) completion of the draft COVID-19 assessment report for the Mission’s review; and 3) continued progress on the process evaluation (qualitative) protocol and study guides, and 4) finalization of the baseline SPE (for CBAs).
- On the capacity building activities end, key highlights were 1) formation of a Technical Advisory Committee to provide advisory support to JNIL’s capacity building activities in Jordan, which includes JNIL Fellowships, quarterly webinars and annual scientific symposium; 2) successful organization of two quarterly webinars that were attended by more than 237 individuals (in-country and abroad); 3) Release of Save the Date, Call for Abstracts for the first annual scientific symposium to be held in August 16-18, 4) release of the Call for Applications for the first research methods workshop to be held in August, 5) and, final selection of fellowship awardees.

Challenges

- **JNIL timeline of activities:** Due to the modification in the CHN program roll out timeline, and delays in sharing of program documents, JNIL’s timeline for research milestones (baseline SPE for CBAs, process, and performance evaluation) has been affected. JNIL has also interacted with CHN and the USAID Mission about the constraints on the JNIL end due to the shifting timeline. Also, in instances such as the roll out of the baseline SPE for CBAs, JNIL are facing the challenge of not having sufficient time to prepare and deploy data collection particularly since this needs to happen prior to the CHN activity being commenced.
- While JNIL has always been coordinating and accommodating CHN’s timeline, with several CHN activities still in the development and design mode, JNIL has been requesting extensive engagement and interaction with CHN members. However, this puts additional burden on both groups and therefore a more efficient approach is being explored by JNIL with CHN. Since JNIL’s tools are dependent on CHN materials and actions/activities currently in the process of development, JNIL has created a list of materials and shared with CHN and have an agreed upon timetable. If any movement in timeline, JNIL has requested CHN to share the information ahead of time so adjustment of the timeline can be done in an efficient manner.

Annex A

Table I. JNIL Technical Advisory Committee Members

	Name	Position/Affiliation
1	Dr. Shibani Ghosh	Committee Chair Research Associate Professor, Jordan Nutrition Innovation Lab and USAID Food Systems for Nutrition Innovation Lab
2	Ms. Samah Al-Quran	Project Management Specialist, Population and Family Health Office, USAID /Jordan AOR Jordan Nutrition Innovation Lab
3	Dr. Asma Basha	Director of obstetrics and Gynecological department, University of Jordan, and Jordan University Hospital Professor in Obstetrics and Gynecology
4	Dr. Eman Badran	Director, Neonatal Unit, Jordan University Hospital
5	Dr. Ibrahim Aqel	Director, Institute for Family Health
6	Dr. Omayyah Saeed Nassar	Associate Professor, School of Nursing, University of Jordan
7	Dr. Reema Safadi	Professor for Nursing, Maternity and Child Health Nutrition, University of Jordan
8	Dr. Qusai Al Share	Jordan University of Science and Technology
9	Dr. Patrick Webb	Director, Feed the Future Food Systems for Nutrition Innovation Lab Professor, Tufts University Friedman School of Nutrition Science and Policy
10	Dr. Lynne M. Ausman	Professor, Tufts University Friedman School of Nutrition Science and Policy
11	Eng. Rawhiya Barham	Head of Nutrition Department, Ministry of Health
12	Dr. Hala Nawaiseh	Assistant Professor, Department of Nutrition and Food Technology, College of Agriculture, The University of Jordan

Annex B

Table 2. Planned JNIL Activities for FY22 Quarter 3

JORDAN NUTRITION INNOVATION LAB FY22 QUARTER 2 WORKPLAN		FY22 Q3 TIMELINE (IN WEEKS)												FY22 Q4				
Activity	Person Responsible	Apr Week				May Week				June Week				July Week 1				
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	
		Objective 1: Governance and Administration																
Activity 1.1 Management																		
1.1.1 Quarter 3 report submission	Shibani, Robin, Liz, Haneen																	
1.1.3 Final submission of the Activity MEL Plan for the Mission's approval	Shibani, Liz, Robin	COMPLETE																
Objective 2: Research and Evaluation Agenda for Community Health and Nutrition (CHN)																		
Activity 2.1 COVID-19 Assessment Survey																		
2.1.2 Report write up and submission to USAID/Jordan for feedback and approval	Shibani, Robin, Moad																	
Activity 2.2 Develop and implement a Comprehensive Evaluation of CHN program																		
2.2.1 Conduct quantitative baseline survey for CBAs																		
Finalization of survey tool																		
Submission to IRB																		
List of CBAs received from CHN																		
Contact CBAs for appointment																		
Training of enumerators																		
Data collection deployment																		
2.2.4 Writing up of the baseline survey report and submission to the USAID/Jordan and CHN	Shibani, Robin																	
2.2.5 Submit methodology report																		

Development of Process and Performance Evaluation (Protocol 2)															
2.2.6 Develop and finalize protocol, questionnaire, and study guides for Protocol 2 (qualitative process and performance evaluation of the comprehensive evaluation of CHN program)	Shibani, Robin, Kamal, Moad Rahamneh, Haneen Abulaila, Anas Masri														
Develop first draft of the qualitative protocol															
Send the protocol and qualitative tools for translation															
Receive and review translation															
Ready protocol package for IRB submission															
Receive IRB approval															
Activity 2.3: Actively Engage and Collaborate with the CHN program to ensure quality implementation and evidence-based learning of best practices															
2.3.1 Biweekly Interactions on CHN program implementation, comprehensive evaluation survey implementation	Shibani, Robin, Liz, Haneen, Doris, Lana, Nisreen, Ahmad Nofal														
2.3.3 Ongoing interactions with the fellows, TAC and academic institutions to advance the capacity building agenda	Haneen, Mohammad Qardan														
Objective 3: Supporting Jordan's IYCF research agenda and building Jordan's related human and institutional capacity															
Activity 3.1: Plan and Implement JNIL Fellowship Program															
3.1.5 Three fellowships implemented for FY22	TAC, Haneen														
Activity 3.2: Supporting individuals and institutions with opportunities to participate in webinars and workshops															
3.2.1 Quarterly interactions and engagement with local Jordanian academic institutions and development partners, facilitated through the Technical Advisory Committee (TAC)	TAC, Haneen, Shibani														
3.2.3 Development and maintenance of online platform in the JNIL and Mindset websites for webinars, announcement of events and regular project updates	Tufts, Mindset														

4.3.3 Social media interactions	Tufts, Mindset																		
Objective 5: Policy Engagement																			
Activity 5.1: Stakeholder Engagement																			
5.1.2 Engagement with Ministry of Health on a monthly or quarterly basis to update on JNIL research and capacity building activities	Haneen																		
5.1.3 Bi-weekly meetings with USAID Mission	Shibani, Liz, Robin																		