## Introduction

Mealtimes can be an opportunity for gender socialization.

- Moms and dads can model different types of eating behaviors or concerns (Scaglion et al., 2008; Tibbs et al., 2001)
Parents feed more higher calorie meals and provide fewer vegetables to boys than to girls (Bouhal et al., 2015; Song et al., 2021)
Previous research has focused on what adolescents and adults perceive as
stereotypical eating behaviors and food selection for men and women (Jensen \& Holm, 1998; Vartanian et al., 2007)
Men are expected to eat more meat and more portions of food overall (Vartanian et al., 2007)
Women are expected to eat less food overall, as well as more fruits and vegetables (Mori et al., 1987)
Specificall may have similar gender stereotypes around food as adult men. Specifically, that meat is for boys, salad is for girls, and boys should get to eat more food than girls (Drummond \& Drummond, 2015)
There has been little research on what eating behaviors adults consider appropriate for
boys and girls, which might impact parental feeding practice boys and girls, which might impact parental feeding practices


## The Current Study

In this study, we will explore what kinds of meals adults make for boys and girls, as well as their motivations behind the types of food and portion sizes they choose when making H1: We hyp
produce than meals for girls
H2: We expect that meals
meals for girls
H3: The main motivations for choosing foods are expected to focus on health, nutrition,
and convenience

- Motivations for girls will be more focused on health \& nutrition


## Participants

## Methods

58 participants were recruited from The University of Texas at Dallas
$76 \%$ female, $24 \%$ male
\% Latne, $13 \%$ Black, 33\% Asian, 12\% Middle Eastern, 25\% White
Participant BMI

- Mean: 26.4
- Range: 18.8-50.04


## Procedure

Participants completed surveys online through qualtrics
Participants were randomly assigned to create a meal for a 3 -year old boy or girl Then were asked open-ended and multiple-choice questions about their motivations - This procedure was repeated, but instead creating a meal for a 10 -year old boy or girl

## Measures

Heal Creation Task (revised from Holub \& Musher-Eizenman, 2010 )
Participants select 4 foods and 1 drink from a list of 27 foods and 4 drinks (Fig.1) Based on pictures of a portion size of each food, participants were asked how much of each food they would serve the child (5-point scale)
Participants could serve more than, the same amount, $3 / 4,1 / 2$, or $1 / 4$ of the portion of food

## Motivations

Participants were then asked open ended questions on how they decided what types of food and how much of each food to serve
Participants completed the modified food choice questionnaire (FCQ; Russell et al.,
2014) to evaluate their motivations behind the types of food chosen for meals

It is very/moderately/slightly/not at all important to me that the food I choose for my child for a typical lunch is ... (see fig. 4 for subscales)

Results


Food Portion Selection There were no differences in the amount of food served to children based on child gender types of food selected for children
-3 -year old children: $t(57)=0.84, p=0.41$
-10 -year old children: $t(57)=0.13, p=0.90$

10 -year old children: $t(57)=0.13, p=0.90$


Fig. 1: Frequency of each food selected in meal creation task for 3 - and 10 -year old girls and boys

## Motivations: Close Ended

There were no differences in motivations for feeding the 10 year old children based on child gender, but there were differences for the 3 year old children related to child gender


Fig. 4: Mean frequency of motivations selected by participants after creating meals

## Discussion

## Conclusions

Hypothesis 1: There were no gender differences in the types of foods selected for the meal creation task

This is inconsistent with current literature that suggests adults believe that specific foods are more appropriate for different genders (Vartanian et al., 2007) Additionally, parents have been shown to feed their children differently based on gender (Song et al., 2021)
This could be due to limited sample size or this protocol that was completed on-line with mostly non-parents.
Hypoth this 2 . There wer no gender differences in the overall amount of food selected during is is also different from
much food parents feed their childudies suggesting that there are differences in how Future research should examine whether differences are found while observing mea creation tasks with real food with real children present.
Hypothesis 3: For open-ended questions, the main motivation by participants was
nutrition \& health.
Many participants cited their reasonings based on adequate serving sizes, creating balanced meals, and selecting healthy foods.
For 3 -year olds, close-ended questions on motivations boys were more focused on convenience than for girls
children's watent in following up with previous findings, which suggest that (Rildren's wants are especially important in selecting food for children's meals were mixed findin).
There were mixed findings in these results, where the open-ended questions elicited responses more focused more on health and nutrition and the close-ended questions


## imitations \& Future Directions

This study recruited from college students, which may not be generalizable to a population of parent

Furthermore, the study did not control for participants' experiences with children, Future research affected the results
Participant BMI was not collo focus on surveying parents, especially with young children select in the feeding task and their child's weight have been shown to express conflict between their own and their child's weight status during meals (Blissett et al., 2021), as have parents selections.
Research can also be done on examining how the gender of the parent impacts how children are fed


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